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9, 2004, 10:56:30 ; Search time 12.3261 Seconds (without alignments) 37.695 Million cell updates/sec
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                               389414 segs, 51625971 residues
                                                                   using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                     Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                     US-09-736-076-15
                                                                                                                                                                                                       1 MLLGRPPFE (9)
                                                                   - protein search,
                                                                                                        June
                                                                                                                                                                                            score:
                                                                                                                                                                                                                                              Scoring table:
                                                                                                                                                                                                           Sequence:
                                                                                                                                                                                                                                                                                                 Searched:
                                                                                                                                                                          Title:
Perfect
                                                                                                      Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. Issued Patents AA:\*

1. /cgn2 = /ptodata/2/iaa/5A COMB.pep:\*

2. /cgn2 = /ptodata/2/iaa/5B COMB.pep:\*

3. /cgn2 = /ptodata/2/iaa/6A COMB.pep:\*

3. /cgn2 = /ptodata/2/iaa/6B COMB.pep:\*

5. /cgn2 = /ptodata/2/iaa/PCTUS COMB.pep:\*

5. /cgn2 = /ptodata/2/iaa/PcTUS COMB.pep:\*

6. /cgn2 = /ptodata/2/iaa/PcTUS COMB.pep:\*

Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries

Database

Sequence 12, Appl Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 17, Appl Sequence 17, Appl Sequence 16, Appl Sequence 10, Appl Sequence 10, Appl 4, Appli 18, Appl 6, Appli Sequence 15, Sequence 19, Sequence 12, Sequence 12, Description Sequence US-09-505-744-2 US-08-861-338-17 US-08-861-338-16 US-08-252-995D-10 US-08-334-108-10 US-08-252-995D-2 US-09-311-311C-26 US-07-857-224B-17 US-08-252-995D-11 US-08-834-108-11 US-08-861-338-19 US-08-252-995D-12 US-08-252-995D-14 US-08-834-108-2 US-08-252-995D-6 US-08-834-108-6 US-08-252-995D-4 US-08-861-338-18 US-08-861-338-6 US-09-136-282-2 SUMMARIES Query Match Length DB 100.0 100.0 100.0 100.0 PONTY - Chad Score Result No. 4

sequence 12, Appl Sequence 28679, A Sequence 13, Appl Sequence 13, Appl Sequence 1, Appl Sequence 1, Appl Sequence 1, Appl Sequence 1, Appl Sequence 4, Appl Sequence 4, Appl Sequence 4, Appl Sequence 4, Appl Sequence 372, Appl Sequence 2, Appli
US-09-739-455-22 US-09-739-455-22 US-09-252-991A-28679 US-08-222-995D-13 US-08-34-108-13 US-08-755-728-3 US-09-974-655-3 US-09-716-000-1 US-08-755-728-4 US-09-775-728-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-09-772-647-4 US-08-861-338-3 US-09-134-010-3742 US-09-134-010-3742 US-09-134-010-3742 US-09-136-100-3742
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2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

ALIGNMENTS

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFCATION \*514
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David 8:
REGISTRAION NUMBER: 22,592
REFRENCE/DOCKET NUMBER: 22,592
REJERAN: (781) 861-9540
RELEARCH PARACTERISTICS:
LENGTH: 9 amino acid8
WUNDER/DOCKET NUMBER: 22,592
RENCE/DOCKET NUMBER: 22,592
RELEARCH PARACTERISTICS:
REDUBLICATION OR SEQ ID NO: 15:
REQUENCE/DOCKET NUMBER: 22,592
RELEARCH PARACTERISTICS:
REDUBLICATION OR SEQ ID NO: 15:
REDUBLICATION OR SEQ ID NO: 15: CITY: Lexington
STATE: Massachusetts
COUNTRY: USA

not relevant not relevant LENGTH: 9 amino acids TYPE: amino acid STRANDEDNESS: not rele TOPOLOGY: not relevan

CTHER INFORMATION: /note= "Gamma Benzyl Ester of OTHER INFORMATION: Glutamic Acid-NH2"
US-08-861-338-15 LOCATION: 1 OTHER INFORMATION: /note= "N-Acetyl Methionine" NAME/KEY: Modified-site

Sequence

NAME/KEY: Modified-site

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Sequence 12, Application US/08252995D
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US-08-861-338-19
Sequence 19, Application US/08861338
Sequence 19, Application US/08861338
Sequence 19, Application US/08861338
Setting No. 6144993
SERBRAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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100.0%; Score 49; DB 3; Length 9; 100.0%; Pred. No. 3e+05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER EXAMBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: ElaM PC compatible
COMPUTER: Ploppy disk
CORERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REFERRATION NUMBER: 22,592
REGISTRATION NUMBER: CMCC-590
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-6540
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: /note= "N-Acetyl Methionine'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: /note= "Serine-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: not relevant TOPOLOGY: not relevant MOLECULE TYPE: peptide FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: /note=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Modified-site LOCATION: 1
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Best Local Similarity 100.
Matches 9; Conservative
  Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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: USA
                                                                                       1 MLLGRPPFE 9
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US-08-252-995D-12
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SIREEL: 40 KING SLIEEL WEST.

CONTRY: Canada
ZIP: MARH 372

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CURRENT BPPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-10N-1994
CLASSIFICATION TORMATION:
FILING DATE: 02-10N-1994
CLASSIFICATION TORMATION:
NAME: KURTHOWN TORMATION:
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEPHONE: (416) 361-1398
INPORMATION FOR SEQ ID NO: 12:
SEQUENCE CHRACTERISTICS:
LENGTH: 272 amino acids
TYPE: amino acid
STRANDBNESS: single
TOPOLOGY: linear
                           APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATIN: PC - DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
) ORIGITAL SOURCE:
ORGANISM: Mus musculus
US-08-252-995D-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         199 MLLGRPPFE 207
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Patent No. 5650501
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-834-108-12
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Gaps
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                                                                                                                                                                                                                                        100.0%; Score 49; DB 2; Length 685; 100.0%; Pred. No. 0.34;
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100.0%; Score 49; DB 3; Length 685;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: ANDERSON, VEREN
APPLICANT: ANDERSON, JEFFREY
APPLICANT: HANSBURY, MICHAEL
APPLICANT: HENSBURY, MICHAEL
APPLICANT: HENTERAR, SANDHYA
APPLICANT: BOUZYK, MAK
TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
NUMBER OF SEQUENCES: 3
CORRESPONDENCES: 3
ADDRESSE: RATHER & Prestia
STREET: P.O. BOX 980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: DOS
SOFTWARE: FASTSEG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/136,282
FILING DATE: 20-AUG-1998
CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/056,112
FILING DATE: 20-AUG-1997
ATTONEY/AGENT INFORMATION:
NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,031
REGISTRATION NUMBER: 23,031
                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GH-70231
                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 6
US-09-136-282-2
; Sequence 2, Application US/09136282
; Patent No. 6063609
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: GH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 610-407-0700
TELEFAX: 610-407-0700
TELEX: 846169
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
                          SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
          INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                Ouery Match
Best Local Similarity 100..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                273 MLLGRPPFE 281
                                                                                                                                                      ; LIBRARY: HUVENOBO1
; CLONE: 39043
US-08-878-989-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: PA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-136-282-2
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100.0%; Score 49; DB 2; Length 272;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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; Sequence 1, Application US/08878989
; Setent No. 588803
; GENERAL INFORMATION:
APPLICANT: Bandman, Olga
; APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl G.
APPLICANT: Gul, Preeti
; APPLICANT: Goli, Surya K.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: KIRASES
; TITLE OF INVENTION: KIRASES
; CORRESPONDENCES: 21
CORRESPONDENCES: 21
ADDRESSER: Incyte Pharmaceuticals, Inc.
STREET: 3174 Forter Drive
; STREET: Alo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: DOS
SOFRWARE: FASTEM: DOS
SOFTWARE: FASTEM: APPLICATION DATA:
APPLICATION NUMBER: US/08/878,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION INFORMATION:
TELEFONE: 415-855-0555
TELEFAX: 415-845-4166
                                                    CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KAIGVGVK, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 34,971
TELECHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEFX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
                                                                                                                                                                                                                                                                       LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDMESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       199 MLLGRPPFE 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MLLGRPPFE 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            94304
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-878-989-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: 1
STATE:
```

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Sequence 17. Application US/08861338
Sequence 17. Application US/08861338
Patent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 49; DB 3; Length 685; 100.0%; Pred. No. 0.34; trive 0; Mismatches 0; Indels
APPLICANT: Mark M. Bouzyk
APPLICANT: Michael J. Hansbury
APPLICANT: Jeffrey R. Jackson
APPLICANT: Jeffrey R. Jackson
APPLICANT: Jeffrey R. Jackson
APPLICANT: Sandrya S. Nerurkar
APPLICANT: Amy K. Roshak
ITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
FILE REFERENCE GH-70231-D1
CURRENT APPLICATION NUMBER: US/09/505,744
CURRENT PILING DATE: 200-02-16
EARLIER PRILING DATE: 1998-08-20
EARLIER FILING DATE: 1998-08-20
EARLIER FILING DATE: 1997-08-20
MUMBER OF SEQ ID NOS: 3
SOFTWARE: FESTSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/861,338

FILING DATE: 21-MAY 1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: BATOCK DAVIG E.

REGISTRATION NUMBER: CACC-590

TELEPRATION NUMBER: CACC-590

TELEPRATION NUMBER: OPE 52, 592

REFERENCE/DOCKET NUMBER: CACC-590

TELEPRATION NOWBER: CACC-590

TELEPAX: (781) 861-9540

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHRAACTERISTICS:

LENGTH: 9 amino acids

TYPE: amino acid

TYPE: not relevant

MOLGOLOGY: not relevant

MOLGOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100
Matches 9; Conservative
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      273 MLLGRPPFE 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 MLLGRPPFE 9
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US-08-861-338-17
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                                                                                                                                                                             GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Gorley, Neil C.
APPLICANT: Gorley, Draya K.
APPLICANT: Gorly, Purvi
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: DISEASE
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
SOFRATING SYSTEM: DOS
SOFRATARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BILLINGS, Lucy J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-055
TELEFAX: 415-845-4166
TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/878,989
                                                                                                                                                                                     ; Sequence 1, Application US/09272796
; Patent No. 6207148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                273 MLLGRPPFE 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LIBRARY: HUVENOB01
CLONE: 39043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 MLLGRPPFE 9
                  1 MLLGRPPFE 9
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Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: line IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-272-796-1
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NAME/KEY: Modified-site LOCATION: 1 OTHER INFORMATION: /note= "N-Acetyl Methionine"

US-09-505-744-2; Sequence 2, Application US/09505744; Patent No. 6245544; FOREAL INFORMATION: APPLICANT: Karen M. Anderson

Gaps

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Best Local Similarity 66.7
Matches 6; Conservative
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200 LLIGRPPFD 208
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        RESULT 11
US-08-252-995D-10
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Sequence 16, Application US/08861338
Patent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A,
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THEONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                       Gaps
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                                                                                                                                                                   0; Indels
                                                                                                                      93.9%; Score 46; DB 3; Length 9; 88.9%; Pred. No. 3e+05; Live 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READBLE FORM:
MCDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
TELECOMMUNICATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
TRINGTH: 8 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington CITY: Massachusetts COUNTRY: USA
                                          /note= "Gamma Benzyl Ester of
Glutamine Acid-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 8
OTHER INFORMATION: /note= "Phenylalanine-NH2"
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NAME/KEY: Modified-site
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                                                                                                                                           Best Local Similarity 88.9
Matches 8, Conservative
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                LOCATION: 9
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                       1 MLLGRPPFE 9
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1 MLLGKPPFE 9
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STRANDEDNESS: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MLLGKPPF 8
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Best Local Similarity
Matches 7; Conserv
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                                                                              US-08-861-338-17
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                                                                                                                        Query Match
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                               Query Match

Best Local Similarity 66.7%; Pred. No. 6.1;
Matches 6; Conservative 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
APPLICANT: Hoffernan, Mike
APPLICANT: NOVEL SERINE/THREONINE KINASE
CORRESPENDING NOVEL SERINE/THREONINE KINASE
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence (Application US/08252995D
Sequence (Application US/08252995D
Patent No. 5650501
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
APPLICATION NUMBER: US/08/834,108
FILING DATE:
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3, Mismatches
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Pred. No. 6
                                                                                                                                                                                                                       Sequence 2, Application US/08834108
Patent No. 5976893
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFRENCK/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    83.7%;
66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acids
TOPOLOGY: limit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 83.7
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein US-08-834-108-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        :|:|||||:
204 LLIGRPPFD 212
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     US-08-252-995D-2
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US-08-834-108-2
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Pred. No. 3.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 536
ATTORNEY AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-210
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 361-1398
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 273 amino acids
TYPE: amino acid
TYPE: amino acids
TTANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/08252995D
Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 66.7%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (416) 364-731
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 416 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 416 amino acids amino acids
                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       :|:|||||:
200 LLIGRPPFD 208
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TOPOLOGY:
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US-08-252-995D-2
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Gaps

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83.7%; Score 41; DB 1; Length 925; 66.7%; Pred. No. 14; 1.1ve 3; Mismatches 0; Indels
                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 40 ALLS
CITY: Toronto
STATE: Ontario
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3YZ
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: INFORMATION:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UW-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 3153-96
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                             Score 41; DB 2;
Pred. No. 6.8;
3; Mismatches (
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/08252995D Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/08834108; Patent No. 5976893; GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Hefferman, Mike
APPLICANT: Fode, Carol
                                                                                                                                             Query Match
Best Local Similarity 66.7%;
Matches 6; Conservative
           ; LENGTH: 464 amino acids
; TYPE: amino acid
TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-834-108-6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 925 amino acids
amino acid
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Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein US-08-252-995D-4
                                                                                                                                                                                                                                                             :|:|||||:
204 LLIGRPPFD 212
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204 LLIGRPPFD 212
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                                                                                                                                                                                                                                                                                                                                                                      US-08-252-995D-4
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US-08-834-108-4
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                                                                                                                                                                                            OFFRALING STSIEM: FC_LOUS/MS-LOS
SOFFWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: BERESKIN & PARR
STRET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER REABALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                   ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY AGENT INFOSTATION:
NAME: Kurdydyk, Linda M
REGISTATION NUMBER: 34,911
REFERENCE/DOCKET NUMBER: 3153.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 464 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 66./1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : |: | | | | | :
204 LLIGRPPFD 212
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CLASSIFICATION: 536
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                                                   Ontario
: Canada
                           Toronto
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Gaps

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US-08-861-338-6

| Sequence 6, Application US/08861338 |
| Sequence 6, Application US/08861338 |
| Patent No. 6/14993 |
| GENERAL INFORMATION: SHORT PEPTIDES WHICH SELECTIVELY |
| TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY |
| TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES |
| NUMBER OF SEQUENCES: 22 |
| CORRESPONDENCE ADDRESS: 22 |
| ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. |
| STREET: Two Militia Drive |
| CITY: Lexington |
| STATE: Massachusetts |
| COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              81.6%; Score 40; DB 3; Length 20;
                                                                                                                                                                                                                                                            NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                                                                                                                                                                                                                                                         81.6%; Score 40; DB 3; Length 9; 100.0%; Pred. No. 3e+05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Leucine"
FEATURE:
                                                                                                                                                                                                                                                                                                                                          ) NAME/KEY: Modified-site

) LOCATION: 9

INCOMINE SOUTHER INFORMATION: /note= "Serine-NH2"

US-08-861-338-18
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                                                                             TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (781) 861-9540 INFORMATION FOR SEQ ID NO: 6 SEQUENCE CHARACTERISTICS: LENGTH; 20 amino acids
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ 1D NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
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Betent No. 6174993

GENERAL INFORMATION:
PAPPLICANT: Bene-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
INVERES OF SEQUENCES: 2.2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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Pred. No. 14;
3; Mismatches 0; Indels
  TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSS:
ADDRESSER: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP. 0213
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CUREAL AFFLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAMB: Brook, David B.
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                                                               STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC Compatible
                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGIETRATION NUMBER: 34, 971
REFERENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (416) 364-7311
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acids
TYPE: amino acids
TYPE: amino acid
OLEOTE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 66.7
Lac 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   :|:|||||:
204 LLIGRPPFD 212
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US-08-861-338-18
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Sequence 2. Application US/09198122

Patent No. 6180380

GENERAL INFORMATION:

APPLICANT: Streambardt, Klaus; Rubsamen-Waigmann, Helga;

APPLICANT: Holtrich, Uwe

TITLE OF INVENTION: TARBONINE-KINASE FAMILY

NUMBER OF SUCHENCES:

CORRESPONDENCE ADDRESS:
                           COUNTR: Coronto
STATE: Ontario
COUNTR: Canada
ZITY: Toronto
STATE: Ontario
COUNTR: Canada
ZIP: MSB1 3Y2
COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 5.36
ATTORNEY/AGENT INFORMATION:
NAME: Kurddyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-210
TELEPHONE: (416) 361-1398
INFORMATION FOR SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York.
CONNTRX: U.S.A.
ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB
MEDIUM TYPE: storage
COMPUTER: NEC Powermate SX-20
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 81.6%; Score 40; DB
66.7%; Pred. No. 6;
rative 3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/601,014
FILING DATE: 23-FEB-1996
APPLICATION NUMBER: CT/FP94/02863
FILING DATE: 30-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/198,122
             40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Mus musculus US-08-834-108-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            :|:|:|||
199 LLVGKPPFE 207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             q
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                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: Canada
ZIREET: 40 King Street West
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: US-UWN-1994
CLASSIFICATION: 536
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| Sequence 14, Application US/08834108
| Sequence 14, Application US/08834108
| Patent No. 5976893
| GENERAL INFORMATION:
| APPLICANT: Heffernan, Mike
| APPLICANT: Heffernan, Mike
| APPLICANT: Holfernan, Mike
| TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
| NUMBER OF SEQUENCES: 14
| CORRESPONDENCE ADDRESS:
| CALLIANT OF THE OF 
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Pode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                     ;
      Pred. No. 0.41;
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTATION NUMBER: 34,971
REFERENCE, DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEFRANCE (416) 364-7311
TELEFRAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 272 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/08252995D Patent No. 5650501 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BERESKIN & PARR
Best Local Similarity 66.7%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  :|:|||||
199 LLVGKPPFE 207
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3 LLVGKPPFE 11
                                                                                                   1 MLLGRPPFE 9
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                                                                                                                                                                                                                                                                RESULT 21
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COUNTRY: Switzerland
ZIP: (note: this is an international post code) CH-8092
ZIP: (note: this is an international post code) CH-8092
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.4 Mb storage
COMPUTER: Apple MacIntosh
OPRATING SYSTEM: MacIntosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/857,224B
FILING DATE: 03/25/92
CLASSIFICATION: 436
PRIOR APPLICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (International) 41 1 532 2830
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 2; Length 264;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Dennis, James W
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Ralease #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8 Column 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 39;
Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORIGINAL SOURCE: ORIGINAL Melanogaster ORGANISM: Drosophila melanogaster Protein kinase; Table 8 Copublication information:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS: Hanks, S. K.
AUTHORS: Quinn, A. M.
AUTHORS: Hunter, T.
TITLE: The protein kinase family
JOURNAL: Science
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/08252995D Patent No. 5650501 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West CITY: Toronto
                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79.68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 66.79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
DESCRIPTION: protein
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195 MLVGQPPFD 203
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                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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ZIP: M5H 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE: The F
JOURNAL: Scif
  Zurich
                         none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-252-995D-11
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Patent No. 5558784
CENERAL INFORMATION:
CENERAL INFORMATION:
TITLE OF INVENTION: Predicting Folded Structures of Proteins
NUMBER OF SEQUENCES: 114
CORRESPONDENCE PRESS:
ADDRESSEE: Steven A. Benner
                                                                                                                                                                                                                                                                                                                                                                                         81.6%; Score 40; DB 3; Length 603; 66.7%; Pred. No. 14; tive 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               81.6%; Score 40; DB 4; Length 603; 66.7%; Pred. No. 14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 26, Application US/09311311C
Patent No. 6358738
FIGENERAL INFORMATION, et al.
TITLE OF INVENTION: POLO BOX THERAPEUTIC COMPOSITIONS,
TITLE OF INVENTION: METHODS, AND USES THEREFOR
FILE REPERENCE: 1874/117;
CURRENT APPLICATION NUMBER: US/09/311,311C
CURRENT FILING DATE: 1999-05-13
FRIOR APPLICATION NUMBER: US 60/085,296
FRIOR APPLICATION NUMBER: US 60/085,296
FRIOR APPLICATION NUMBER: 1999-05-13
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSEQ for Windows Version 4.0
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 4329177
FILING DATE: 30-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
REGISTRATION NUMBER: 33,141
REFRENCE/POCKET NUMBER: Bayer 9516-KGB
TELEPHONE: (914) 332-1700
TELEPHONE: (914) 332-1844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Steven A. Benner
STREET: Hadlaubstrasse 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: DOMAIN
LOCATION: (1)...(603)
OTHER INFORMATION: Plk protein
                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 603 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 66.7
Matches 6; Conservative
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244 LLVGKPPFE 252
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244 LLVGKPPFE 252
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Best Local Similarity
                                                                                                                                                                                                                                                                                           TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 25
US-07-857-224B-17
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US-09-311-311C-26
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LENGTH: 603
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Gaps
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TYPE: PRT
ORGANISM: Leishmania mexicana
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88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 88.5
Local 8; Conservative
       Query Match 79.6
Best Local Similarity 66.7
Matches 6; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
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198 LLVGQPPFE 206
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                                                                                     1 MLLGRPPFE
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LENGTH: 303
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
APPLICANT: Fode, Carol
APPLICANT: Pode, Carol
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IN PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                   79.6%; Score 39; DB 1
66.7%; Pred. No. 9.2;
ttive 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIPICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KUICKYKY, LINGA M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 34,971
TELECHOUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPKX: (416) 364-731
TELEPKX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER.FS.1CS:
                                                                                                                                                                                                                                                                                                                                Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Drosophila melanogaster
US-08-834-108-11
                                                                                                      3153-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 11, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
FILING DATE: 02-JUN-1994
CLASSIFCATION: 536
ATTORNEY/AGENT INPORMATION:
NAME: KURDGYK, Linda M
REGISTRATION NUMBER: 34,971
REPERENCE/DOCKET NUMBER: 3153-
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
LENGTH: 271 amino acids
SEQUENCE CHARACTERISTICS:
LENGTH: 271 amino acids
STRANDEDNESS: single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West CITY: Toronto STATE: Ontario STATE: Ontario STATE: Ontario STATE: Ontario CONDURY: Canada ZIP: MSH 312 COMPUTER READABLE FORM: MEDIUM TVPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 271 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    198 LLVGQPPFE 206
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Sequence 12, Application US/09739455

Patent No. 6413756

GENERAL INFORMATION:
APPLICANT: YAN, Chunhua et al
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: THERED MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
TITLE OF INVENTION: THERED FOR THE REPRENCE: CLOOG633
CURRENT APPLICATION NUMBER: US/09/739,455
CURRENT PILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 12
LENGTH: 303
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Patent No. 6413756

GENERAL INFORMATION:
APPLICANT: YAN, Chumhua et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION WHERE: US/09/739,455
CURRENT APPLICATION NUMBER: US/09/739,455
CURRENT APPLICATION NUMBER: 2000-12-19
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FRRESEQ for Windows Version 4.0
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79.6%; Score 39; DB 2; Length 271;
66.7%; Pred. No. 9.2;
cive 3; Mismatches 0; Indels
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                                                      0; Indels
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Pred. No. 10;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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; Sequence 28679, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; APPLICANT: Marc J. Rubenfield et al.
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Gaps
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US-08-755-728-
                                                                                                                                                                                    RESULT 32
US-08-834-108-13
Sequence 13, Application US/08834108
Sequence 13, Application US/08834108
Setent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: BERESKIN & PARR
STREET: ADDRESSE: GITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3YZ
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-210
TELECOMMUNICATION INFORMATION:
TELEFRAX: (416) 364-7311
TELEFRAX: (416) 364-7311
TELEFRAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 275 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Saccharomyces cerevisiae
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Matches 5; Conservative
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MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   :|:|:||:
200 LLIGKPPFQ 208
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                                               :|:|:||:
200 LLIGKPPFQ 208
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              1 MLLGRPPFE 9
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.136 CURRENT APPLICATION NUMBER: US 60/074,788 PRIOR PILING DATE: 1999-02-18 PRIOR PILING DATE: 1999-02-18 PRIOR PILING DATE: 1998-07-19 PRIOR PILING DATE: 1998-07-27 NUMBER: US 60/094,190 PRIOR PILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142 SEQ ID NO 28679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: OLIGICO
STATE: OLIGICO
COUNTRY: Canada
ZID: MSH 374
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN-1994
CLASSIFICATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELEPAN: (416) 364-7311
TELEPAN: (416) 361-1398
INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
LEEFFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
LEEFFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
LEMETHER STATEMING ACIDS
TYPE: Amino acids
TYPE: Amino acids
TYPE: STANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13, Application US/08252995D Patent No. 5650501
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/09283011
Fatent No. 6207401
GENERAL INFORMATION:
TITLE OF INVENTION:
MOMBER OF SEQUENCES:
M
       PRIOR APPLICATION DATA.
APPLICATION DATA.
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 5972676ember 25, 1996
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: December 18, 1996
ATTORNEY, AGENT INDEMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
FELECOMUNICATION INFORMATION:
TELEPRAX: (213) 489-1600
TELEPRAX: (213) 955-0440
TELEPRAX: (213) 955-0440
TELEPRAX: (213) 955-0440
TELERY (213) 955-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/012,135
FILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 6207401ember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: AUGUSE 14, 1996
APPLICATION NUMBER: 60/008,809
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ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     UMBER: 60/008,809
December 18, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best_Local Similarity 66.7
Matches 6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   266 LLVGNPPFE 274
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-974-655-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 35
US-09-283-011-3
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; Patent No. 5972676
; GENERAL INFORMATION:
    APPLICANT: Plowman, Gregory
    APPLICANT: Mossie, Kevin
    TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
    TITLE OF INVENTION: ANN/OR AUR-2 RELATED DISORDERS
    NUMBER OF SEQUENCES: 29
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Lyon & Lyon
    STREET: 633 West Fifth Street
    STREET: Suite 4700
    CITY: Los Angeles
    STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Indels
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
FILING DATE: NO. 5962312ember 25, 1996
CLASSIFICATION: 530
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: atorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEM FOR MINDOWS 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION: 53:

APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/003,943
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg Richard J.
REFERENCE/POCKET NUMBER: 22,327
REFERENCE/POCKET NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAN: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0410
TELEFAX: (213) 955-0410
TELEFAX: (213) 955-0410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 66.7
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-755-728-3
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                                                                                                                                                          77.6%; Score 38; DB 2; Length 347; 66.7%; Pred. No. 18;
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08755728
; Sequence 4, Application US/08755728
; Patent No. 5962312
; GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Plowman, Gregory
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OOPERATING SYSTEM IBM P.C. DOS 5.0
SOFTWARE: FRAESEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
FILING DATE: NO. 5962312ember 25, 1996
CLASSIFICATION INTRER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/025,943
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/025,943
FILING DATE: Aquast 14, 1996
ATTORNEY/AGENT INFORMATION:
NAME: WAZDUEY, RICHARY O.
REFERENCE/DOCKET NUMBER: 223/113
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 89-1600
                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                 Query Match
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein HYPOTHETICAL: NO
STRANDEDNESS: single
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269 LLVGNPPFE 277
                                                                  HMC1NOT01
                                                                                                                                                                                                                                                            1 MLLGRPPFE 9
                        linear
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                      TOPOLOGY: line IMMEDIATE SOURCE:
                                                                    LIBRARY: HMC
CLONE: 2940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                             RESULT 37
US-08-755-728-4
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Pred. No. 18;
2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/016,000
FILING DATE:

PRIOR APPLICATION:

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lal, Freeti
APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Akerblom, Ingrid E.
APPLICANT: Shah, Purvi
APPLICANT: Corley, Neall C.
APPLICANT: Guegler, Karl G.
TITLE OF INVENTION: PROTEIN KINASE MOLECULES
TITLE OF SEQUENCES: 12
CORRESPONDENCE ADRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J
REGISTRATION NUMBER: 36,749
REPERENCE/DOCKET NUMBER: PF-0465 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEX: (213) 955-0440
TELEX: (213) 955-0440
TELEX: (213) 955-0440
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09016000
Patent No. 5962232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  77.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FASTSREYE FOR WIN
                                                                                                                                                                                                                                           LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 66.7-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            650-845-4166
                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :|:| ||||
266 LLVGNPPFE 274
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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US-09-283-011-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 36
US-09-016-000-1
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SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 40
US-09-772-647-4
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                                                                           US-08-974-655-4
Sequence 4, Application US/08974655
Patent No. 15972676
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICALL...

FILING DATE:
CLASSIFICATION : 435
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 59726/ember 25, 1996
APPLICATION NUMBER: 60/009,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/003,943
FILING DATE: August 14, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 223/113
FELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM COMPALIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastESQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-283-011-4; Sequence 4, Application US/09283011; Patent No. 6207401; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Plowman, Gregory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : protein
NO
323 LVGKPPFE 330
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APPLICATION MORESTER EAVING
TITLE OF INVERTION. DIAGNOSIS AND TERATHED DISORDERS
NUMBERS OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
NUMBERS OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
NUMBERS OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
NUMBERS OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
NUMBERS OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
CONTRY: US A. MARCH LAY MARCH CALL AND LAY MEDICATION TYPE: 3.5. To iskette, 1.44 Mb
MEDIUM TYPE: 3.5. To iskette, 3.5.
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; SEQ ID NO 4
; LENGTH: 737
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: T7 tag and
; OTHER INFORMATION: mouse protein kinase C epsilon coding sequence
US-09-772-647-4
Query Match
US-09-7
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9, 2004, 11:00:56; Search time 36.1957 Seconds (without alignments) 69.954 Million cell updates/sec
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                1155919 seqs, 281338677 residues
                                                                       - protein search, using sw model
                                                                                                                                                                                                                                                                             Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                     US-09-736-076-15
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1 MLLGRPPFE
                                                                                                                                                                                                                                                          BLOSUM62
                                                                                                           June
                                                                                                                                                                                                  Perfect score:
                                                                                                                                                                                                                                                          Scoring table:
                                                                       OM protein
                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                              Searched:
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries Database

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Published Applications AA:\*

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2: /cgn2\_6/ptodata/1/pubpaa/USO6\_NEW\_PUB.pep:\*
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18: /cgn2\_6/ptodata/1/pubpaa/USO8\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARTES

		Description	Sequence 15. Appl		Sequence 19, Appl		Sequence 14. Appl	Sequence 249, App	Semience 250, App	Sequence 251. Ann	Semience 1. Appli	Sequence 69. April	Semience 101 App	Semience 101 Ann	Semience 101 Ann	Semience 3124 An	Sequence 17, Appl	
COLUMNICO		CI	US-09-736-076-15	US-09-736-076-57	US-09-736-076-19	US-10-026-021-5	US-10-059-585-14	US-09-771-161A-249	US-09-771-161A-250	US-09-771-161A-251	US-09-769-970-1	US-10-260-708-69	US-10-024-298A-101	US-10-042-211A-101	US-10-617-217A-101	US-10-264-049-3124	US-09-736-076-17	
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		Match Length DB	6	10	11	400	469	685	685	685	685	685	685	685	685	753	6	
oh	Query	Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.9	
		Score	449	49	49	49	49	49	49	49	49	49	49	49	49	49	46	
	Result	No.	1	67	m	4	S	9	7	80	6	10	11	12	13	4	15	
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Sequence 16, Appl Sequence 3, Appli Sequence 5956, Ap	0 0 0	Sequence 18, Appl Sequence 6, Appli Sequence 1268, Ap	Sequence 6, Appli Sequence 123, App Sequence 7571 App	Sequence 214, App Sequence 2. Appli	186	24 60	12,	80 60	Sequence 5056, Ap	13,	Sequence 34, Appl Sequence 214, App	203	101	93,
9 US-09-736-076-16 14 US-10-026-021-3 15 US-10-369-493-5956	0-425-114- 0-026-021- 0-408-765A	9 US-09-736-076-18 9 US-09-736-076-6 9 US-09-925-300-1268	14 US-10-026-021-6 9 US-09-771-161A-123 14 US-10-032-585-7571	9 US-09-771-161A-214 12 US-10-406-901-2	US-10-171-311- US-10-188-832-	US-10-408 US-10-425	14 US-10-153-919-12 14 US-10-153-919-22	9 US-09-736-076-58 10 US-09-898-837A-32	15 US-10-369-493-5056 9 US-09-012-135A-3	US-10-060-065-	14 US-10-059-585-34 14 US-10-171-311-214	US-10-295		16 US-10-188-832-93
8 379 521	928 970 970	329 329	367 516 528	603	603	603 629	303 303	8 256	329 344	344	3 4 4 4 4 4	344	344	344
83.7 83.7 83.7	83.7 83.7 83.7	81.6 81.6 81.6	81.6 81.6 81.6	81.6 81.6	81.6 81.6	81.6 81.6	79.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
4 4 4 L L L	444	4 4 4 0 0 0	4 4 4 0 0 0	<b>4.4</b> 0.0	<b>4</b> 4 0 0	4 0 4	8 6 8 6 8 6	338	388	38	9 89 19 19	38	38	38
16 17 18	19 20 21 21	222	25 27 27	28 29	30 31	32 33	3.4 3.5	36 37	8 6 8 6	40	4 4	43	44	45

## ALIGNMENTS

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WESOUL

Sequence 15, Application US/09736076

Sequence 15, Application US/09736076

Sequence 15, Application US/09736076

Sequence 15, Application US/09736076

SERINEL INFORMATION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MOULATE THE ACTIVITY OF SERINE/THREONINE KINASES

TITLE OF INVENTION: MOULATE THE ACTIVITY OF SERINE/THREONINE KINASES

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 1097-01-13

FRIOR FILING DATE: 1097-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: EastSEQ for Windows Version 4.0

SEQ ID NO 15

LENGTH: 9
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100.0%; Score 49; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 1e+06;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(9)
OTHER INFORMATION: J42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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LENGTH: 400
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0
                                                                        APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR APPLICATION NUMBER: US 08/861,338
PRIOR PILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 57
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 49; DB 9; Length 10; Best Local Similarity 100.0%; Pred. No. 0.048; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (1)...(0)
OTHER INFORMATION: position 10 is benzylester
NAME/KEY: AMIDATION
NOCATION: (0)...(10)
OTHER INFORMATION: SNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR APPLICATION NUMBER: US 08/861,338
PRIOR FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 19, Application US/09736076 Patent No. US20020049301A1
              Sequence 57, Application US/09736076
Patent No. US20020049301A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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OTHER INFORMATION: J46
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                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: MYRISTATE
                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-736-076-19
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US-09-736-076-57
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1 MLLGRPPFE

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Gaps
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APPLICANT: Jenkins, Yonchu
APPLICANT: Jenkins, Yonchu
APPLICANT: Migal Pharmaceuticals, Inc.
TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for
TITLE OF INVENTION: Treatment of Cancer
FILE REFERENCE: 021044-001210US
CURRENT APPLICATION NUMBER: US/10/026,021
CURRENT APPLICATION NUMBER: US 60/309,632
PRIOR APPLICATION NUMBER: US 60/309,632
PRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 49; DB 14; Length 400; 100.0%; Pred. No. 1.7; tive 0; Mismatches 0; Indels (
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OTHER INFORMATION: human SNK mitotic kinase kinase domain
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APPLICANT: Shail, Shizuko
APPLICANT: Shil, Shizuko
APPLICANT: Sugiyama, Tomoyasu
APPLICANT: Sugiyama, Tomoyasu
APPLICANT: Nagai, Keiichi
APPLICANT: Otsuki, Tetsuji
APPLICANT: Senoo, Chiaki
APPLICANT: Senoo, Jun-Ichi
APPLICANT: Senoo, Jun-Ichi
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEIN
TITLE OF INVENTION: NINSEPPROTEIN PHOSPHATASE
FILE REFERRNCE: 06501-098001
CURRENT APPLICATION NUMBER: US/10/059,585
CURRENT FILING DATE: 2002-01-29
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PRIOR APPLICATION NUMBER: PCT/JP00/05660
PRIOR FILING DATE: 2000-02-28
PRIOR PELING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: US 60/183,322
PRIOR PILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US 60/159,590
PRIOR APPLICATION NUMBER: US 60/159,590
PRIOR PILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: JP 2000-118776
PRIOR PILING DATE: 2000-05-02
PRIOR PELING DATE: 2000-05-05
PRIOR PLING DATE: 2000-05-05
PRIOR FILING DATE: 2000-05-05
PRIOR FILING DATE: 1999-07-29
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US-10-059-585-14
Sequence 14, Application US/10059585
Publication No. US20030082776A1
GENERAL INFORMATION:
Sequence 5, Application US/10026021; Publication No. US20030027756A1; GENERAL INFORMATION:
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Nishikawa, Tetsuo
                                                                                APPLICANT: Hitoshi, Yasumichi
APPLICANT: Demo, Susan
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Best Local Similarity 100.
Matches 9; Conservative
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Otsuka, Kaoru
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ORGANISM: Homo sapiens
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ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                              Query Match
Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
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US-09-771-161A-251
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LENGTH: 685
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US-09-769-970-1
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100.0%; Score 49; DB 14; Length 469;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 249, Application US/09771161A
Patent No. US20020110811A1
GENERAL INCAMATION:
APPLICANT: LEVINE, et al.
ITILE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT APPLICATION NUMBER: 09/724,676
PRIOR PILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 13676
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 250, Application US/09771161A
Fatent No. US20020110811A1
GENERAL INFORMATION:
TITLE OF INVENTION: vARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: 09/771,161A
CURRENT PILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 09/724,676
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-06-15
PRIOR PRIOR APPLICATION NUMBER: 136776
PRIOR PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 273
SOSTWARE: PATENTIN PATENTING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 469
TYPE: PRT
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CORGANISM: Homo sapiens
US-09-771-161A-249
                                                                                                                                                                                                                                                                                                   57 MLLGRPPFE 65
                                                                                                          ; ORGANISM: Homo sapiens
US-10-059-585-14
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US-09-771-161A-250
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LENGTH: 685
TYPE: PRT
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LENGTH: 685
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100.0%; Score 49; DB 9; Length 685; 100.0%; Pred. No. 2.9;
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                                                        0; Indels
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/769,970
FILING DATE: 24-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                     Sequence 251, Application US/09771161A
Fatent No. US20020110811A1
GENERAL INFORMATION:
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
FRIOR FILING DATE: 2000-11-28
FRIOR FILING DATE: 2000-06-15
FRIOR FILING DATE: 2000-04-12
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                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
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100.0%; Score 49; DB 14; Length 685; 100.0%; Pred. No. 2.9;
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Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 9; Conservative 0; Mismatches 0; Indels (
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TITLE OF INVENTION, NFKB Activating Gene
FILE REFERENCE: 1254-0192P
CURRENT APPLICATION NUMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
PRIOR PILING DATE: 2000-12-28
PRIOR PILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-12-28
PRIOR FILING DATE: 2001-12-28
PRIOR FILING DATE: 2001-12-28
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-08-24
FILE REFERENCE: 1254-0191P
CURRENT APPLICATION NUMBER: US/10/024,298A
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/314,385
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2000-12-28
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR PLING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 182
SEQ ID NOS: 182
SEQ ID NOS: 182
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Sequence 101, Application US/10042211A
; Publication No. US20030170719A1
; GENERAL INFORMATION:
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Best Local Similarity luv..
Lag 9, Conservative
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SOFTWARE: Patentin Ver. 2.0
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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US-10-617-217A-101
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LENGTH: 685
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Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 9; Conservative 0; Mismatches ۱۰۰ تسکیری
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Publication No. US20040063101A1

GENERAL INFORMATION

APPLICANT: Scandan, Matthew

APPLICANT: Lee, Sang-Yull

APPLICANT: Old, Libyd

TILL OF INVENTION: Human Sarcoma-Associated Antigens

FILE REFERENCE: L00461/70138

CURRENT FILING DATE: 2002-09-30

NUMBER OF SEQ ID NOS: 96

SCOTWARET PLEND APPLE: 2002-09-30

SEQ ID NO 69

LENGTH: 685
                                                                             FILING DATE: CURROWN
ATTORNEY/AGENT INFORMATION:
NAME: BAIllings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 9F-0321 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1415-855-0555
TELERAX: 415-845-4166
TELERAX: CURROWN
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 101, Application US/10024298A

Publication No. US20030143540A1

GENERAL INFORMATION:
APPLICANT: ASAHI KASEI KABUSHIKI KAISHA
APPLICANT: AGICHI HONDA
APPLICANT: Goichi HONDA
APPLICANT: Yukiko NAGANO
TITLE OF INVENTION: NF-K B Activating Gene
                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-769-970-1
                CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                          LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIBRARY: HUVENOB01
                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.
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US-10-260~708-69
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US-10-024-298A-101
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US-10-260-708-69
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Sequence 17, Application US/09736076

Sequence 17, Application US/09736076

GENERAL INFORMATION:
APPLICANT: BEN-Sasson Shmuel A.
APPLICANT: BEN-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT PALING DATE: 12070-12.13
PRIOR PLING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 16, Application US/09736076

Sequence 16, Application US/09736076

GENERAL INFORMATION:
APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT PILING DATE: 2000-12-13
PRIOR APPLICATION NUMBER: 0.08/661,338
PRIOR FILING DATE: 1997-05-21
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Pred. No. 1e+06;
1; Mismatches 0; Indels
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88.9%; Pred. No. 1e+06;
Live 1; Mismatches
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NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(9)
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 8
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ORGANISM: Artificial Sequence
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87.5%;
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Best Local Similarity 88.5
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Best Local Similarity 87.5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: J43.1
US-09-736-076-17
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NAME/KEY: AMIDATION
LOCATION: (0)...(8)
OTHER INFORMATION: J43
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US-09-736-076-16
                        JS-09-736-076-17
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APPLICANT BIRE ET A1.

TITLE OF INVENTION:

CURRENT FILING DATE: 2002-10-04; PRIOR APPLICATION NUMBER: US/10/264,049; CURRENT FILING DATE: 2002-10-04; PRIOR APPLICATION NUMBER: PCT/US01/18569; PRIOR FILING DATE: 2001-06-07; NUMBER OF SEQ ID NOS: 4360; SOFTWARE: PATENTING US: 4360; SOFTWARE: PATENTING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 49; DB 16; Length 685; Best Local Similarity 100.0%; Pred. No. 2.9; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 49; DB 15; Length 753; 100.0%; Pred. No. 3.2;
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                                                                                                     TITLE OF INVENTION, NF-kB ACTIVATING GENE
FILE REPERENCE: 1224-0229P
FILE REPERENCE: 1224-0229P
CURRENT PELING DATE: 2003-07-11
PRIOR PELLING DATE: 2003-07-11
PRIOR PELLING DATE: 2000-12-28
PRIOR PELLING DATE: 2001-088912
PRIOR PELLING DATE: 2001-08-24
PRIOR PELLING DATE: 2001-08-24
PRIOR PELLING DATE: 2001-08-24
PRIOR PELLING DATE: 2001-08-24
PRIOR PELLING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
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Sequence 101, Application US/10617217A
Publication No. US20040081986A1
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Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           273 MLLGRPPFE 281
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ORGANISM: Homo sapiens
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                                            Publication No. US20 GENERAL INFORMATION:
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US-10-264-049-3124
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LENGTH: 685
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APPLICANT: Lou, Jingdong
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: PILING PILING DATE: 2003-04-28
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
SEQ ID NOS: 73128
LENGTH: 928
TYPE:
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Publication No. US20030027756A1

GENERAL INFORMATION:

APPLICANT: Hitoshi, Yasumichi

APPLICANT: Demo, Susan

APPLICANT: Demo, Susan

APPLICANT: Demo, Susan

TITLE OF INVENTION: Treatment of Cellular Proliferation for

TITLE OF INVENTION: Treatment of Cancer

TITLE OF INVENTION: TO NUMBER: US/10/026,021

CURRENT APPLICATION NUMBER: US 60/309,632

PRIOR APPLICATION NUMBER: US 60/309,632

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 2

LENGTH: 970
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    83.7%; Score 41; DB 12; Length 928; 66.7%; Pred. No. 97; ive 3; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Conservative
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Matches 6; Conservative
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204 LLIGRPPFD 212
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162 LLIGRPPFD 170
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
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Matches 6, Conserv
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Sequence 5956, Application US/10369493

Publication No. US2003023367SA1

GENERAL INFORMATION:

APPLICANT: Cao, Yongwei

APPLICANT: Slater, Steven C.

APPLICANT: Slater, Steven C.

APPLICANT: Ghan, Marry S.

TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OF INVENTION: ENANTS WITH IMPROVED PROPERTIES

FILE REFERENCE: 38-10(52052) B

CURRENT APPLICATION NUMBER: US/10/369,493

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: US 60/360,039

PRIOR FILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374
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                                                                                                                 US-10-026-021-3
; Sequence 3, Application US/10026021
; Publication No US20030027756A1
; GENERAL INFORMATION:
; APPLICANT: Hitoshi, Yasumichi
; APPLICANT: Demo, Susan
; APPLICANT: Demo, Susan
; APPLICANT: General Series in Title OF INVENTION: Treatment of Cancer
; TITLE OF INVENTION: Treatment of Cancer
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 021044-00110US
; CURRENT APPLICATION NUMBER: US/10/026,021
; FILE REPERENCE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/309,632
; PRIOR PILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: (1)..(379)
OTHER INFORMATION: SAK serine/threonine kinase kinase domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 66.7%; Pred. No. 41; Length 379;
Matches 6; Conservative 3; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ORGANISM: Caenorhabditis elegans US-10-369-493-5956
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ::|||||:
401 LMLGRPPFQ 409
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204 LLIGRPPFD 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MLLGRPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: DOMAIN
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US-10-425-114-37528
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US-10-369-493-5956
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LENGTH: 521
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CURRENT FILING DATE: 2000-12-13
PRIOR APPLICATION NUMBER: US 08/861,338
PRIOR FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 20
                                                                                                                                                                                                                                                                                     Query Match 81.6
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                      ; OTHER INFORMATION: POLO US-09-736-076-6
                                                                                                                                                                                                                                                                                                                                                                                              3 LLVGKPPFE 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                        1 MLLGRPPFE 9
                                                                                                                                                        TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 24
US-09-925-300-1268
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NAME/KEY: SITE
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LOCATION: (328)
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LOCATION: (308)
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LOCATION: (329)
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Sequence 18, Application US/09736076

Sequence 18, Application US/09736076

Sequence 18, Application US/090049301A1

GENERAL INFORMATION:

TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODILATE THE ACTIVITY OF SERINE/THREONINE KINASES

TITLE OF INVENTION: MODILATE THE ACTIVITY OF SERINE/THREONINE KINASES

TITLE OF INVENTION: MODILATE 1242.1015-009

CURRENT FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US/09/736,076

SHOW REILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOOFWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/09736076
Sequence 6, Application US/09736076
Batent No. US202049301A1
GENERAL INFORMATION:
APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REPERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
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               APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Gary M.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REPERRORS: 660088.465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT APPLICATION NUMBER: US/10/408,765A
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1916
LENGTH: 970
                                                                                                                                                                                                                                                                                                                                                                 Score 41; DB 16; Length 970;
Pred. No. 1e+02;
3; Mismatches 0; Indels
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100.0%; Pred. No. 1e+06;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
COCATION: (2)...(0)
NAME/KEY: AMIDATION
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Gibson, Bradford W.
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Best Local Similarity 66.7-
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Best Local Similarity 100,
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              204 LLIGRPPFD 212
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US-10-408-765A-1916
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OTHER INFORMATION: J45
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US-09-736-076-18
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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LOCATION: (307)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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                                                                Gaps
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                                                                                                                                                                                                                                                                                                                    Sequence 1266, Application US/09925300
Fatent No. US20020151681A1
GENERAL INFORMATION:
FAPLICANT: Craig Rosen,
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PALOI
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
FRIOR PAPLICATION NUMBER: PC/US00/05988
FRIOR FILING DATE: 2000-03-08
FRIOR FILING DATE: 12000-03-08
FRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 1268
      Length 20;
                                                             0; Indels
      DB 9;
81.6%; Score 40; DB 9 66.7%; Pred. No. 3.5; tive 3; Mismatches
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TYPE: PRT
ORGANISM: Candida albicans
                                                6; Conservative
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244 LLVGKPPFE 252
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454 LLVGKPPFE 462
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157 LLVGKPPFE 165
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGRPPFE 9
                                                                                      1 MLLGRPPFE 9
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Best Local Similarity
Matches 6; Conserva
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Matches 6; Conserv
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                        Best Local Similarity
Matches 6; Conserv
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           Query Match
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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-300-1268
                                                                                                                                                                                                                                                                                              Sequence 6, Application US/10026021

Publication No. US2030027756A1

Publication No. US2030027756A1

GENERAL INFORMATION:

APPLICANT: Hitoshi, Yasumichi

APPLICANT: Jenkins, Yonchu

APPLICANT: Rigel Pharmaceuticals, Inc.

TITLE OF INVENTION: Treatment of Cancer

FILE REFERENCE: 021044-001210US

CURRENT APPLICATION NUMBER: US/10/026,021

CURRENT APPLICATION NUMBER: US 60/309,632

PRIOR FILING DATE: 2001-06-25

PRIOR FILING DATE: 2001-08-01

NUMBER OF SEQ ID NOS: 8

SOFTWARE: Patentin Ver. 2.1
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                                                                      81.6%; Score 40; DB 9; Length 329;
66.7%; Pred. No. 53;
tive 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: DOMAIN
1.0CATION: (1)..(367)
2.0THEN INFORMATION: human PLKI mitotic kinase kinase domain
US-10-026-021-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 123, Application US/09771161A

Sequence 123, Application US/09771161A

Sequence 123, Application US/09771161A

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1

CURRENT APPLICATION NUMBER: US/09/771,161A

CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 13676

FRIOR APPLICATION NUMBER: 136776

FRIOR APPLICATION NUMBER: 136776

FRIOR APPLICATION NUMBER: 136776

FRIOR FILING DATE: 2000-06-15

FRIOR FILING DATE: 2000-06-15

FRIOR FILING DATE: 2000-06-15

FRIOR FILING DATE: 2000-04-12

FRIOR FILING DATE: 2000-04-12

FRIOR FILING DATE: 2000-04-12

FRIOR FILING DATE: 2000-04-12

FRIOR FILING DATE: 2000-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 66...
6, Conservative
                                                                                              Best Local Similarity 66.7
Matches 6; Conservative
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244 LLVGKPPFE 252
                                                                                                                                                                                         :|:|:||||
260 LLVGKPPFE 268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) ORGANISM: Homo sapiens
US-09-771-161A-123
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                                                                                                                                                                1 MLLGRPPFE 9
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US-09-771-161A-123
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LENGTH: 516
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US-10-026-021-6
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                                                                               Query Match
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Sequence 7571, Application US/10032585

Publication No. US20030180953A1

GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Charles, Boone
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE REFRENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
CURRENT FILING DATE: 2001-12-20
CURRENT FILING DATE: 2001-12-20
SOFTWARE: Patentin version 3.1
SEQ.ID NO 7571
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81.6%; Score 40; DB 9; Length 516; 66.7%; Pred. No. 82; 1. Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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Sequence 214, Application US/09771161A

Patent No. US20020110811A1

GENERAL INFORMATION:
APPLICANT: LEVINE, et al.
ATTLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERRNCE: 802620-2005.1

CURRENT APPLICATION NUMBER: US/09/771,161A

CURRENT APPLICATION NUMBER: 09/724,676

PRIOR PILING DATE: 2000-01-26

PRIOR PILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-15

PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SOFTWARE: PATENTIN VEISION 3.0

SECTION OF SECTION NOSE: 273

SOFTWARE: PATENTIN VEISION 3.0
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Pred. No. 84;
3; Mismatches
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RESULT 29

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81.6%; Score 40; DB 16;
66.7%; Pred. No. 96;
iive 3; Mismatches 0;
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publication No. US20040076955A1
s GENERAL INFORMATION:
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Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              252
                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
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244 LLVGKPPFE 252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MLLGRPPFE 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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US-10-408-765A-2279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 110
                                                                                                                                                                                                                                                                                                                            TYPE: PRT
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                                                                       APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 40; DB 12; Length 603;
Pred. No. 96;
                                                                                                                 THE SERINE-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                CITY: Tarrycown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB
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REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: Bayer 9516-KGB
TELECOMMUNICATION INFORMATION:
                                                                     APPLICANT: Streumarc,
Holtrich, Uwe
TITLE OF INVENTION: CLONING OF A MEMBER OF 7
THREONINE-KINASE PAMILY
                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: SPRUNG HORN KRAMER & WOODS
STREET: 660 White Plains Road
                                                                                                                                                                                                                                                                                                                                               COMPUTER: NEC POWERMARE SX-20
OPERATING SYSTEM: DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/406,901
FILING DATE: 03-Apr-2003
CLASSIFICATION NUMBER: US/09/634,443
APPLICATION NUMBER: US/09/634,443
APPLICATION NUMBER: US/09/601,014
FILING DATE: 38-ANG-2000
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-AUG-1994
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-AUG-1993
ATTORNEY/ARGININEMATION:
NUMBER: WASHER DATE: ANG-1993
ATTORNEY/ARGININEMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear; MOLECULE TYPE: Protein; SEQUENCE DESCRIPTION: SEQ ID NO: 2: US-10-406-901-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 186, Application US/10171311
Publication No. US20030087270A1
GENERAL INFORMATION:
APPLICANT: Schlegel, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (914) 332-1700
                   Sequence 2, Application US/10406901; Publication No. US20040033578A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 603 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (914) 332-1844
TELEX: <Unknown>
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Zhao, Xumei
Monahan, John
Kamatkar, Shubhangi
Glatt, Karen
Gannavarapu, Manjula
                                                                                                                                                                                                                                                                                                                                          storage
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SEQUENCE CHARACTERISTICS
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Best Local Similarity 66.7
Matches 6; Conservative
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244 LLVGKPPFE 252
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US-10-171-311-186
US-10-406-901-2
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APPLICANT:
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JOBERAN INFORMATION:

APPLICANT: Mack, David H.

APPLICANT: Mack, David H.

APPLICANT: Mack, David H.

APPLICANT: Mack, David H.

TITLE OF INVENTION: Methods of Diagnosis of Bladder Cancer, Compositions

TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder

TITLE OF INVENTION: Cancer

TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder

FILE REFERENCE: 018501-002330US

CURRENT APPLICATION NUMBER: US/10/188,832

CURRENT APPLICATION NUMBER: US 60/302,814

PRIOR PILING DATE: 2001-07-03

PRIOR PELING DATE: 2001-07-03

PRIOR PELING DATE: 2001-10-03

PRIOR PELING DATE: 2001-11-13

PRIOR PELING DATE: 201-11-13
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Sequence 22. Application US/10153919
; Brublication No. UG20030166219A1
; Publication No. UG20030166219A1
; Publication No. UG20030166219A1
; Publication No. UG20030166219A1
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES; TITLE OF INVENTION: THEREOF
; TITLE OF INVENTION: TOOOO653DIV
; CURRENT APPLICATION NUMBER: US/10/153,919
; CURRENT FILING DATE: 2000-05-24
; PRIOR PLILNG DATE: 2000-06-06
; PRIOR PLILNG DATE: 2000-12-19
; PRIOR PLILNG DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 23
; SEQ ID NO 22
; LENGTH: 303
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
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Patent No. US20020049301A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
CURRENT APPLICATION UNMER: US/09/736,076

CURRENT PILING DATE: 2000-12-13
PRIOR PELING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Pred. No. 73;
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0; Mismatches
  TITLE OF INVENTION: ACID MOLECULES ENCODING TITLE OF INVENTION: THEREOF CLOOKS3ID.
CURRENT APPLICATION NUMBER: US/10/153,919 CURRENT FILING DATE: 2002-05-24 PRIOR PILING DATE: 2000-06-06 PRIOR PILING DATE: 2000-06-19 NUMBER OF SEQ ID NOS: 23 SOFTWARE: PASSEG for Windows Version 4.0 SEQ ID NO 12 LENGTH: 303
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                                                                                                                                                                                                                                                                                                                                                                                                         79.6%;
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US-10-153-919-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       8; Conservative
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Best Local Similarity
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nes 8; Conserv
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US-09-736-076-58
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Best Local S:
Matches 8
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APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERBNCE: 38-21(53313)8
FULE REPERBNCE: 2003-304-28
CURRENT FAPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-40-28
NUMBER OF SEQ ID NOS: 73128
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                                                                                APPLICANT: Ghosh, Soumitra S.
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Taylor, Boin D.
APPLICANT: Zhang, Bing
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REPERENCES 660088465
CURRENT APPLICATION UMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SEQ ID NO 2279
LENGTH: 603
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 12, Application US/10153919;
Publication No. US20030166219A1;
GENERAL INFORMATION:
APPLICATE: YAN, Chunhua et al.
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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US-10-425-114-37525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        81.6%; Score 40; DB 66.7%; Pred. No. 96; Live 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 37525, Application US/10425114 Publication No. US20040034888A1 GREERL INFORMATION: APPLICANT: Liu, Jingdong
                 Sequence 2279, Application US/10408765A Publication No. US20040101874A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6; Conservative
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244 LLVGKPPFE 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGRPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 MLLGRPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 33
US-10-425-114-37525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-408-765A-2279
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LENGTH: 629
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US-10-153-919-12
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FastSEQ for Windows Version 4.0

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APPLICANT: Cao, Yongwei
APPLICANT: Cac, Yongwei
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Gldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)8
FURENT APPLICATION NUMBER: US/10/369, 493
CURRENT PILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360, 039
PRIOR FILING DATE: 2002-02-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   h 77.6%; Score 38; DB 15; Length 329; Similarity 75.0%; Pred. No. 1.2e+02; 6; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3, Application US/09012135A
Patent No. US20020081578A1
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005,268
FILING DATE: January 9, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. US20020081578Alember 25, 1996
APPLICATION NUMBER: 60/023,943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.

IIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM P.C. DOS 5.0
SOFTWARE: FASTERM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
FILING DATE: January 22, 1998
FILING DATE: January 22, 1998
                                                                                                                                                                                                   US-10-369-493-5056
; Sequence 5056, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 5056
LENGTH: 329
                                                                                :|:|:||:
193 LLIGKPPFQ 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |:|:||||
244 LVGKPPFE 251
                                                      1 MLLGRPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 LLGRPPFE 9
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APPLICANT: Gerlach, Valerie L.
APPLICANT: MacDougall, John R.
TITLE OF INVENTION: NOVEL SRINE/THREONINE PROTEIN-KINASE LIKE PROTEINS AND TITLE OF INVENTION: NOVEL SENDE ENCODING THE SAME
FILE REFERENCE: 15966-598 CIP
CURRENT APPLICATION NUMBER: US/09/898,837A
PRIOR APPLICATION NUMBER: U.S.S.N. 60/165,986
PRIOR APPLICATION NUMBER: U.S.S.N. 60/194,839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
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                                                                                                                                                                                                                                                                                                                         Score 38; DB 9; Length 0;
Pred. No. 1e+06;
------------------0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2000-02-09
PRIOR PLING DATE: 2000-02-09
PRIOR PLING DATE: 2000-04-03
PRIOR PLING DATE: 2000-04-03
PRIOR PLING DATE: 2000-04-03
PRIOR PLING DATE: 2000-07-03
                                                                                                                                                                                                                                                                                                                              77.6%; Scor.
100.0%; Pred. No. 100.0%; Mismatches
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PRIOR APPLICATION NUMBER: U.S.S.N. 60/195,637
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2000-09-15
PRIOR FILING DATE: 2000-09-15
PRIOR PILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: U.S.S.N. 60/232,677
PRIOR APPLICATION NUMBER: U.S.S.N. 60/181,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 32, Application US/0989837A Publication No. US20030077697A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Saccharomyces cerevisiae
SOFTWARE: FastSEQ for Windows ve.; SEQ ID NO 58
LENGTH: 8
LYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: MISTATE
LOCATION: (1) ... (0)
NAME/KEY: AMIDATION
LOCATION: (0) ... (8)
COTHER INFORWATION: SNK
US-09-736-076-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Fernandes, Elma
Taupier Jr., Raymond
Rastelli, Luca
CuraGen Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Spytek, Kimberly A.
Majumder, Kumud
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Vernet, Corine
Herrmann, John L.
Burgess, Catherine
                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MLLGRPP 7
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Matches 5; Conserv
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0

0; Gaps

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Query Match

77.6%; Score 38; DB 12; Length 344;
Best Local Similarity 66.7%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: June 9, 2004, 11:22:05 Job time: 37.1957 secs
                                                                                                                                                                                                                                                                                    :|:| ||||
266 LLVGNPPFE 274
; ORGANISM: Homo sapiens US-10-060-065-13
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APPLICANT: Koji Hayashi
APPLICANT: Koji Hayashi
APPLICANT: Guu-Tchi Yamamoto
APPLICANT: Shizuko Ishii
APPLICANT: Shizuko Ishii
APPLICANT: Shizuko Ishii
APPLICANT: Tomoyasu Sugiyama
APPLICANT: Tomoyasu Sugiyama
APPLICANT: Testichi Nagai
APPLICANT: Testichi Nagai
APPLICANT: Keitchi Nagai
APPLICANT: Testichi Nagai
APPLICANT: Chiaki Senoo
APPLICANT: NUMBER: US/10/060,065
CURRENT APPLICATION NUMBER: PCT/JP00/05061
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-02-17
PRIOR PILING DATE: 2000-01-11
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Best Local Similarity 66.7%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 1; Indels
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 231/282
REFERENCE/DOCKET NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: Innear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/10060065
Publication No. US20030017480A1
GENERAL INFORMATION:
APPLICANT: Toshio Ota
APPLICANT: Takao Isogai
APPLICANT: Takao Isogai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :|:| ||||
266 LLVGNPPFE 274
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HYPOTHETICAL: N
HATI-SENSE: NO
US-09-012-135A-3
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12, Appl
1, Appli
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Sequence 14,
Sequence 14,
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Sequence 2, R
Sequence 13, Sequence 13,
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Sequence 2,
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Sequence
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Sequence
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'cgn2_6/ptodata/2/laa/5A_COMB.pep:*
'cgn2_6/ptodata/2/laa/5B_COMB.pep:*
'cgn2_6/ptodata/2/laa/6A_COMB.pep:*
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'cgn2_6/ptodata/2/laa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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-09-509-902A-16
-09-134-001C-4816
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US-08-861-338-19
US-08-252-995D-12
US-08-834-108-12
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-07-857-224B-17
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US-09-136-282-2
US-09-272-796-1
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US-09-442-102-8
                                                                                                                                                                                                                           389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                - protein search, using sw model
                                                                                                                                                                                  BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                               US-09-736-076-16
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Match Length
                                                                                                                                                         1 MLLGKPPF 8
                                                                                                                            Title:
Perfect score:
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                                                                                                                                                         Sequence:
                                                                                                                                                                                                                         Searched:
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                                                                          Run on:
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Sequence 4, Appli	13		Sequence 2. Appli		4	, m	4	4	10	0 1	, 4	Segmence 4. Appli	4	0		Ì	Sequence 6, Appli	
US-09-233-857-4	US-09-233-857-13	US-09-442-100-2	US-08-939-106-2	US-09-442-102-2	US-09-442-100-4	US-09-233-857-3	US-08-939-106-4	US-09-442-102-4	US-08-252-995D-10	US-08-834-108-10	US-08-755-728-4	US-08-974-655-4	US-09-283-011-4	US-08-252-995D-2	US-08-834-108-2	US-08-252-995D-6	US-08-834-108-6	
4	4	4	4	4	4	4	4	4	Н	N	7	~	m	Н	~	Н	7	
1088	1088	1099	1099	1099	1130	1130	1130	1130	273	273	403	403	403	416	416	464	464	
84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
37	37	37	37	37	37	37	37	37	36	36	36	36	36	36	36	36	36	
28	53	30	31	32	33	34	35	36	3.7	38	39	40	41	42	43	44	45	

ALIGNMENTS

Length 8;

DB 3;

100.0%; Score 44;

Query Match

LOCATION: 1 OTHER INFORMATION: /note= "N-Acetyl Methionine"

NAME/KEY: Modified-site

LOCATION: 8

COTHER INFORMATION: /note= "Phenylalanine-NH2"
US-08-861-338-16

NAME/KEY: Modified-site

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USA
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                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              δ
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                                                                                                                                                                                                    Sequence 17, Application US/08861338
Patent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                   Gaps
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                   Indels
                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPTWARE Patentin Release #1.0, Version #1.30
SOFTWARE Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: US-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BY-COOK, David B:
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
TELEPROCHOUS (781) 861-6240
INFORMATION FOR EQ ID NO: 17:
SEQUENCE CHRAACTERISTICS:
INFORMATION FOR EQ ID NO: 17:
SEQUENCE CHRAACTERISTICS:
ILENTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note= "Gamma Benzyl Ester of
Glutamine Acid-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
100.0%; Pred. No. 3e+05; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FBATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: Modified-site
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                       8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                   STREET: Two Militia D
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION:
OTHER INFORMATION:
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                                                           1 MLLGKPPF 8
                                                                                                     1 MLLGKPPF 8
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Best Local Similarity
Matches 8; Conserv
    Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: US
ZIP: 02173
                                                                                                                                                                RESULT 2
US-08-861-338-17
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                         Matches
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% Sequence 15, Application US/08861338; Sequence 15, Application US/08861338; Patent No. 6174993; GENERAL INFORMATION: APPLICANT: Ben-Sasson, Shmuel A.

RESULT 3

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UG-08-861-338-19
Sequence 19, Application US/08861338
Sequence 19, Application US/08861338
Fatent No. 6174993
FENERAL INFORMATION:
APPLICANT: BEN-Sasson, Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES NUMBER OF SEQUENCES: 22 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                               ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                              OPERATING STERM: E-DOS/MS-DOS
SOFTWARE PARENTIN Release #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFTCATION: 514
ATTONNEY/AGENT INFORMATION:
NAME: BECOMM. INFORMATION:
REGISTRATION NUMBER: 25.592
REGISTRATION NUMBER: CMCC-590
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-9540
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note= "Gamma Benzyl Ester
Glutamic Acid-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Two Militia D
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 9
OTHER INFORMATION:
OTHER INFORMATION:
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Best Local Similarity
7; Conserve
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Gaps

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Query Match 93.2%; Score 41; DB 1; Length 272; Best Local Similarity 87.5%; Pred. No. 3.4; Matches 7; Conservative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Toronto
COUTRY: Canada
ZIP: MRH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Parentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 12, Application US/08834108
Patent No. 5976833
GENERAL INFORMATION:
APPLICANT: Defenses W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCK/POCKET NUMBER: 3153
TELECOMMUNICATION:
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                           TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 272 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                               ; ORGANISM: Mus musculus
US-08-252-995D-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                   MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                            single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 199 MLLGRPPF 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ||||:|||
199 MLLGRPPF 206
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                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MLLGKPPF 8
                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 6
US-08-834-108-12
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OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93.2%; Score 41; DB 3; Length 11; 87.5%; Pred. No. 0.14; cive 1; Mismatches 0; Indels
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Sequence 12, Application US/0825295D

Patent No. 5650501

GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Pede, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCES: 14
CORRESPONDENCES: 18
CORRESPONDENCES: 14
CORRESPONDENCES: 14
CORRESPONDENCES: 15
COUNTRY: CORRESPONDENCES: 16
STREET: 40 King Street West
CITY: TOFORIO
STATE: Onland
ZIP: MSH 372
COUNTRY: Canada
ZIP: MSH 372
COMPUTER: IBM PC compatible
COUNTRY: TEARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PATE:
CORRATION NUMBER: US/08/252,995D
FILING DATE: 02-UUN-1994
COUNTRY: APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UUN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: /note= "N-Acetyl Methionine"
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LOCATION: 11
; OTHER INFORMATION: /note= "Serine-NH2"
US-08-861-338-19
                                  APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 19: SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Kurdydyk, Linda M
RECISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          SS: not relevant not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified-site LOCATION: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 87.5.
Fre 7; Conservative
                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 21-MAY-19
                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MLLGKPPF 8
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DB 3; Length 685;
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APPLICANT: ROSHAK, AMY
APPLICANT: BOUZYK, MARK
TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
NUMBER OF SOUTENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ratner & Prestia
STREET: PO. Box 980
CITY: Valley Forge
                                                                                                                                                                                                                                                 CONFUTER: Diskette
COMPUTER: Diskette
COMPUTER: BM Compatible
OPERATING SYSTEM: DOS
SOFFWARE: Fast560 for Windows Version 2.0
SOFFWARE: PAST ON DATA:
APPLICATION NUMBER: US/09/136,282
FILING DATE: 20-AUG-1998
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION
APPLICATION:
APPLICATION NUMBER: 60/056,112
APPLICATION NUMBER: 60/056,112
APPLICATION NUMBER: 60/056,112
ATTORNEY/AGENT INPORMATION:
NAME: PRESENCE/DOCKET NUMBER: 23,031
REFERENCE/DOCKET NUMBER: 23,031
TELEPHONE: 610-407-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELERAX: 610-40/-C.:
TELERAX: 610-40/-C.:
TELEX: 846169
; INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
; LENGTH : 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
""ODOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       93.2%;
87.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 87.5
                                                                                                                                                                 STATE: PA
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , MOLECULE TYPE: protein US-09-136-282-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ||||:|||
273 MLLGRPPF 280
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93.2%; Score 41; DB 2; Length 685;
Best Local Similarity 87.5%; Pred. No. 8.4;
Matches 7; Conservative 1; Mismatches 0; Indels
                       Sequence 1, Application US/08878989;
Sequence 1, Application US/08878989;
Parent No. 5885803;
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Guegler, Karl G.
APPLICANT: Goll, Surya K.
APPLICANT: Goll, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: LOYER PAINTES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSE: ADDRESSE:
ADDRESSE: ADTRESS:
ATTER: CATTY: Palo Alto
SITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/878,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY JAGENT INFORMATION:
NAME: Bilings, Lucy J J
RGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ||||:|||
273 MLLGRPPF 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; LIBRARY: HUVENOB01
; CLONE: 39043
US-08-878-989-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear IMMEDIATE SOURCE:
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RESULT 9
US-09-272-796-1

is Sequence 1, Application US/09272796

is Eatent No. 6207148

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Guegler, Karl G.

APPLICANT: Guegler, Karl G.

APPLICANT: Glasser, Description of the control of t
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Sequence 2, Application US/09136282; Patent No. 0603609
GENERAL INFORMATION:
APPLICANT: ANDERSON, VERENT APPLICANT: JACKSON, JEFREY
APPLICANT: HANSBURY, MICHAEL; APPLICANT: NEURKAR, SANDHYA

US-09-136-282-2

RESULT 8

Gaps

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LENGTH: 275 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best_Local Similarity 75.0
Matches 6; Conservative
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200 LLIGKPPF 207
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                                                                                                                                                                                                                                                                                                                             COUNTRY: Canada
ZIP: MSH 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Toronto
STATE: Ontario
COUNTRY: Canada
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: M5H 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-252-995D-13
                            RESULT 11
US-08-252-995D-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Karen M. Anderson
APPLICANT: Karen M. Bouzy,
APPLICANT: Mark M. Bouzy,
APPLICANT: Jeffrey R. Jackson
APPLICANT: Jeffrey R. Jackson
APPLICANT: APPLICANT: Sandhya S. Nerurkar
APPLICANT: APPLICANT: ON OFFICE S. Nerurkar
APPLICANT: APPLICANT: ON OFFICE S. Nerurkar
APPLICANT: APPLICANT: GH-70231-D1
GURRENT APPLICATION NUMBER: US/09/505,744
CURRENT FILING DATE: 1998-08-20
EARLIER APPLICATION NUMBER: 09/136,282
EARLIER APPLICATION NUMBER: 06/056,112
EARLIER PILING DATE: 1997-08-20
EARLIER PILING DATE: 1997-08-20
NUMBER: OF SEQ ID NOS: 3
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Fastseg for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 2 LENGTH: 685
                                                                                                                                                                                                                                                             PF-0321 US
                                                                                            FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/878,989
FILING DATE:
ATTORNEY/ABENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 86,749
REFERENCE/DOCKET NUMBER: PF-0321
TELECHONNICATION INFORMATION:
TELECHONE: 415-855-0555
TELERAX: 415-845-4166
TELERAX: FOR THE NUMBER: PF-0321
TELERAX: 415-845-4166
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Patent No. 6245544
                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 87.5-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 97.5'
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; CLONE: 39043
US-09-272-796-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              273 MLLGRPPF 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      273 MLLGRPPF 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                       IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MLLGKPPF 8
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us-09-736-076-16.rai

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86.4%; Score 38; DB 1; Length 272; 75.0%; Pred. No. 12; ive 2; Mismatches 0; Indels
                                   Score 38; DB 3; Length 20;
Pred. No. 0.9;
2; Mismatches 0; Indels
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Patent No. 5976833
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
GOMPUTER: IBM FC compatible
OPERATING SYSTEM: F-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/08/252,995D
FILING DATE: 02-JUN-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 02-UN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 361-1398
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 372 aming acids
                                                                                                                                                                                                                                                RESULT 14
US-08-252-995D-14
; Sequence 14, Application US/08252995D
; Patent No. 5650501
; GENERAL INFORMATION:
                                          86.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Mus musculus
                       Query Match
Best Local Similarity 75.0°
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Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        :|:|||||
199 LLVGKPPF 206
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                                                                                                                                   1 MLLGKPPF 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-252-995D-14
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US-08-834-108-14
US-08-861-338-6
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APPLICANT: Ben-Sasson, Shmuel A.
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: Element PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David E
REFERENCE/DOCKET NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                   CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KURDYDY, LINDA MA
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-210
TELECOMMUTICATION INFORMATION:
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 275 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Saccharomyces cerevisiae
US-08-334-108-13
                                                                                           APPLICATION NUMBER: US/08/834,108 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-861-338-6; Sequence 6, Application US/08861338; Patent No. 6174993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: not relevant TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
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200 LLIGKPPF 207
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0; Gaps

NUMBER OF SEQUENCES:

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Gaps
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Patent No. 5958784
GENERAL INFORMATION:
APPLICANT: Benner, Steven A.
TITLE OF INVENTION: Predicting Folded Structures of Proteins
NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 38; DB 3; Length 603;
Pred. No. 27;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        86.4%; Score 38; DB 4; Length 603; 75.0%; Pred. No. 27; tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-311-311C-26

Sequence 26, Application US/09311311C

Sequence 26, Application US/09311311C

Sequence 26, Application US/09311311C

GENERAL INFORMATION:

APPLICANT: Existen, et al.

TITLE OF INVENTION: METHODS, AND USES THEREFOR

FILE REPERENCE: 1874/117

CURRENT APPLICATION NUMBER: US/09/311,311C

CURRENT FILING DATE: 1999-05-13

PRIOR APPLICATION NUMBER: US 60/085,296

PRIOR FILING DATE: 1998-05-13

NUMBER OF SEQ ID NOS: 27

SEQ ID NOS: 27

SEQ ID NO 26

LENGTH: 603
                                                                                                                                  NAME: Kurt G. Briscoe
REGISTRATION NUMBER: 33,141
REPERENCE/DOCKET NUMBER: Bayer 9516-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
FILING DATE: 23-FEB-1996
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 4329177
FILING DATE: 30-AUG-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (1)...(603)
; OTHER INFORMATION: Plk protein
US-09-311-311C-26
                                                                                                                                                                                                                                                                                                                                                                                                                                           86.4%;
                                                                                                                                                                                                                                                                                                                   : 603 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 75.u-
                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 603 amino acid
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Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                           , MOLECULE TYPE: Protein US-09-198-122-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :|:|||||
244 LLVGKPPF 251
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ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :|:|||||
244 LLVGKPPF 251
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                                                                                                                                                                                                                                                                                                                                                             linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 18
US-07-857-224B-17
                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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Patent No. 6180380

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: CLONING OF A MEMBER OF THE SERINE-
TITLE OF INVENTION: THREONINE-KINASE FAMILY
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
STREET: 660 White Plains Road
CITY: TATYLOWN
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         86.4%; Score 38; DB 2; Length 272; 75.0%; Pred. No. 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
COUNTRY: U.S.A.
ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                        MAMBER KULTGYGYK, LINGA

REGISTRATION NUMBER: 34,971

REFERENCE/DOCKET NUMBER: 3153-210

TELECOMOUNICATION INFORMATION:

TELEPHONE: (416) 364-7311

TELEFAX: (416) 361-1398

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/198,122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/601,014
                                                                                                                              ZIP: MSH 314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
COMPUTER: REPERSON MS-DOS
COMPATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: NEC Powermate SX-20
OPERATING SYSTEM: DOS
        CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 75.v.
6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          199 LLVGKPPF 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 MLLGKPPF 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                    STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
                                                                        Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-834-108-14
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US-09-134-001C-4816

Sequence 4816, Application US/09134001C

Sequence 4816, Application US/09134001C

Sequence 4816, Application US/09134001C

Sequence 4816, Application US/09134001C

Sequence 4816, Application US

TITLE OF INVENTION: PPIDENMIDIS FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: DEPERBRENCE GTC-007

TITLE OF INVENTION: DATE: 1998-08-13

FILE REPERBRENCE 1998-08-13

CURRENT FILING DATE: 1997-11-08

PRIOR FILING DATE: 1997-11-08

PRIOR FILING DATE: 1997-08-14

NUMBER: US 60/055,779

SEQ ID NO 4816

LENGTH: 668

LENGTH: 668
                                                                                                                                                                                                                                                                    RESULT 20
US-09-509-902A-16
) Sequence 16, Application US/09509902A
) Sequence 16, Application US/09509902A
) Patent No. 6387676

GENERAL INFORMATION:
) APPLICANT: Bird, Tuke
) APPLICANT: Marken, Dirk M.
) APPLICANT: Marken, John S.
) TITLE OF INVENTION: Human cDNAs Encoding Polypeptides Having Kinase Functions
) TITLE OF INVENTION: Human cDNAs Encoding Polypeptides Having Kinase Functions
) TITLE OF INVENTION: 1999-08-03
) CURRENT FILING DATE: 1999-08-03
) VUMBER OF SEQ ID NOS: 16
) SOFTWARE: PatentIN Ver. 2.0
) SEQ ID NO 16
) LENGTH: 588
) TYPE: PRT

TYPE: PRT

CORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 84.1%; Score 37; DB 4; Length 588; 75.0%; Pred. No. 40; tive 2; Mismatches 0; Indels
84.1%; Score 37; DB 4; Length 499; 75.0%; Pred. No. 34; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Staphylococcus epidermidis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 22
US-09-442-100-6
; Sequence 6, Application US/09442100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                    6; Conservative
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203 MLVGEPPF 210
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406 MLVGQPPF 413
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                                                                                                                               1 MLLGKPPF 8
                                  Best_Local Similarity
Matches 6; Conserv
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               Query Match
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US-09-509-902A-12

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                                                                                             Query Match

84.1%; Score 37; DB 2; Length 264;
Best Local Similarity 75.0%; Pred. No. 18;
Matches 6; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Drosophila melanogaster
FEATURE: Protein kinase; Table 8 Column 18
PUBLICATION INFORMATION:
AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUTHORS: Hanks, S. K.
AUTHORS: Quinn, A. M.
AUTHORS: Hunter, T.
TITLE: The protein kinase family
JOURNAL: Science
                                                 E: Steven A. Benner
Hadlaubstrasse 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: protein
ORIGINAL SOURCE:
                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
CORGANISM: Homo sapiens
US-09-509-902A-12
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195 MLVGQPPF 202
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                                                    ADDRESSEE: Ste
STREET: Hadlau
CITY: Zurich
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US-09-442-102-6

Sequence 6, Application US/09442102

Fatent No. 6630613

GENERAL INFORMATION:
APPLICANT: Xu, Tian
APPLICANT: Tao, Wufan
APPLICANT: Wang, Weiyi
APPLICANT: Wang, Weiyi
APPLICANT: Yu, Wan
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF LATS
TITLE OF INVENTION: GENES AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 37; DB 4; Length 962;
Pred. No. 66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
           OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                   APPLICATION NUMBER: US/08/939,106
FILING DATE: 26-No. 6559285-1997
CLASSIFICATION: CUBROMA:
ATTORNEY AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-007-228
TELEPHONE: (1212) 869-9741/8864
TELEPHONE: (1212) 790-9090
TELEPHONE: (1212) 790-9090
TELEPAX: (512) 869-9741/8864
TELEFAX: 66141 PENNIE
INFORMATION FOR SECIED NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 962 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SSEE: Pennie & Edmonds
F: 1155 Avenue of the Americas
New York
                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO:
US-08-939-106-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
BEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : (212) 790-9090
(212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 65
TELECOMMUNICATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 84.1%;
Best Local Similarity 75.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          775 MLVGQPPF 782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MLLGKPPF 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
STREET: 11
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Patent No. 6559285
GENERAL INFORMATION:
APPLICANT: Yale University
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF LAIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                APPLICANT: Wang, Weiji
APPLICANT: Anng, Weiji
APPLICANT: Yang, Sheng
APPLICANT: Yu, Wan
TITLE OF INVENTION: GENES AND METHODS BASED THEREON
TITLE OF INVENTION: GENES AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 37; DB 4; Length 962; Pred. No. 66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6523-003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-(
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DC
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 962 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                            Xu, Tian
Tao, Wufan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       775 MLVGQPPF 782
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(: USA
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                        GENERAL INFORMATION:
APPLICANT: Xu, Ti
; Patent No. 6359193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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802 MLVGQPPF 809
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Best Local Similarity
6; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
          US-08-939-106-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 27
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GENES AND METHODS BASED THEREON
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                                                                                                           Score 37; DB 4; Length 962;
Pred. No. 66;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 10036-2711
MEDIUM TYPE: FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      84.1%; Score 37; DB 4; 75.0%; Pred. No. 67; cive 2; Mismatches C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1155 Avenue of the Americas CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6523-003
                                                                                                                                                                                                                                                                                             Sequence 8, Application US/09442100; Patent No. 6359193; GENERAL INFORMATION:
APPLICANT: Tao, Wufan, APPLICANT: Tao, Wufan, APPLICANT: Tang, Sheng, APPLICANT: Yu, Wan TITLE OF INVENTION: GENES AND METH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-(
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 980 amino acids
                                                                                                                  84.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                               Query Match
Best Local Similarity 75.0
Matches 6; Conservative
SEQUENCE CHARACTERISTICS:
              ) LENGTH: 962 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-442-102-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: unknown
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                       ||:|:|||
775 MLVGQPPF 782
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                                                                                                                                                                                   1 MLLGKPPF 8
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 10036-2711
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-442-100-8
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802 MLVGOPPF 809

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Gaps
Sequence 8, Application US/08939106
Sequence 8, Application US/08939106
Patent No. 6559285
GENERAL INFORMATION:
APPLICANT: Yale University
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF LATS
GENES AND METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
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APPLICANT: Tao, Wufan
APPLICANT: Tao, Wufan
APPLICANT: Tao, Wufan
APPLICANT: Anang, Weiyi
APPLICANT: Yu, Wan
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF LATS
TITLE OF INVENTION: GENES AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 84.1%; Score 37; DB 4; Length 980; 75.0%; Pred. No. 67; cive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,106
FILING DATE: 26-NO. 6559285-1997
CLASSIFICATION: <u >Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-007-228
TELECOMMUNICATION INFORMATION:
                                                                                                                                       NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-08-939-106-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEE: Pennie & Edmonds
: 1155 Avenue of the Americas
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-442-102-8; Sequence 8, Application US/09442102; Patent No. 6630613; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 980 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                  STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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Gaps

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GENERAL INFORMATION:

APPLICANT: Xu, Tian

APPLICANT: Tao, Wufan

APPLICANT: Tao, Wain

APPLICANT: Tao, Wain

APPLICANT: Zhang, Sheng

APPLICANT: Yu, Man

TITLE OF INVENTION: NUCLECTIDE AND PROTEIN SEQUENCES OF LATS

TITLE OF INVENTION: GENES AND METHODS BASED THEREON

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                          84.1%; Score 37; DB 4; Length 1088; 75.0%; Pred. No. 74; 0; Indels ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1099;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 84.1%; Score 37; DB 4; 75.0%; Pred. No. 75; tive 2; Mismatches
                       CURRENT APPLICATION NUMBER: US/09/233,857; CURRENT FILING DATE: 1999-01-20; EARLIER APPLICATION NUMBER: USSN 60/072,023; EARLIER PILING DATE: 1998-01-21; NUMBER OF SEQ ID NOS: 18; SOFTWARE: FastSEQ for Windows Version 3.0; SEQ ID NO 13; LENGTH: 1088; TYPE: PRT

COGGANISM: HUMAN

US-09-233-857-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-003
TELECOMMUNICATION INFORMATION:
TELEPRAX: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 2, Application US/09442100
; Patent No. 6359193
                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 75.0
There 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1099 amino acids
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Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                         1 MLLGKPPF 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York STATE: New Yor)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
STREET: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 30
US-09-442-100-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 37; DB 4; Length 980;
Pred. No. 67;
2; Mismatches 0; Indels
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Flowman, Gregory
APPLICANT: Flowman, Gregory
APPLICANT: Flanagan, Peter
ITILE OF INVENTION: HUMAN ORTHOLOGUES OF WART
FILE STEERENCE: 239,251
CURRENT APPLICATION NUMBER: US/09/233,857
CURRENT APPLICATION NUMBER: USN 60/072,023
EARLIER APPLICATION NUMBER: USN 60/072,023
EARLIER PILING DATE: 1998-01-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 1088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/09233857
Patent No. 6495353
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Flanagan, Peter
ITILE OF INVENTION: HUMAN ORTHOLOGUES OF WART
                                                                                                                                                                                                                                                                    6523-003
                                                                                                   FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
                                                                                                                                                                                                                                                                                                      TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 980 amino acids
TYPE: amino acid
                                                                                                                                                                             FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/09233857
Patent No. 6495353
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  84.1%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: protein US-09-442-102-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        906 MLVGQPPF 913
                                                                                                                                                                                                                                                                                                                                                                                                                                                      unknown
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Best Local Similarity
Matches 6; Conserv
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Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 29
US-09-233-857-13
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Sequence 1, Application US/09442100

Fatent No. 6359193

GENERAL INFORMATION:

APPLICANT: Yu. Tian

APPLICANT: Wang, Weiyi

APPLICANT: Yu, Wan Sheng

APPLICANT: Yu, Wan Sheng

APPLICANT: Yu, Wan Sheng

TITLE OF INVENTION: UNCLEOTIDE AND PROTEIN SEQUENCES OF LATS

TITLE OF INVENTION: GENES AND METHODS BASED THEREON

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            84.1%; Score 37; DB 4; Length 1099; 75.0%; Pred. No. 75; tive 2; Mismatches 0; Indels
                                                                                                                               COMPUTER: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATIONS SYSTEM: PC-COMS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,102
FILING DATE:
CLASSIFICATION NUMBER: 08/411,111
PILING DATE:
PRICA PROME THE PROMATION:
NAME: MISCOCK, S. Leslie
REGISTRATION NUMBER: 6523-003
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEFAX: (212) PRONIE
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1099 amino acids
TENENTH: ATTORNO ACIDS
TELEFAX: MAND ACIDS
TELEFAX: (212) PRINIE
TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/442,100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein US-09-442-102-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      948 MLVGQPPF 955
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New York
                                       New York
                                                                                                       10036-2711
New York
                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                           COUNTRY:
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STATE:
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Patent No. 6630613

GENERAL INFORMATION:
APPLICANT: Xu, Tian
APPLICANT: Tao, Wufan
APPLICANT: Zhang, Sheng
APPLICANT: Zhang, Sheng
APPLICANT: The Control of the Con
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Yale University
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF LATS
GENES AND METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .
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84.1%; Score 37; DB 4; Length 1099;

Best Local Similarity 75.0%; Pred. No. 75;

Matches 6; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 6523-007-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
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; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-08-939-106-2
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STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ 1D NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1099 amino acids
                                                                                                                                                                                                                                                                              US-08-939-106-2; Sequence 2, Application US/08939106; Patent No. 6559285; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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948 MLVGQPPF 955
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                                               1 MLLGKPPF 8
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E: Pennie & Edmonds
1155 Avenue of the Americas
            COMPUTER: IBM PC compatible
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ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1130 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFRENCE/DOCKET NUMBER: 6523-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9990
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                          TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: (212) 869-
TELEX: 66141 PENNIE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-939-106-4
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Patent No. 6559285
GENERAL INFORMATION:
TITLE OF INVENTION: VALE UNIVERSITY
TITLE OF INVENTION: UNCLEOTIDE AND PROTEIN SEQUENCES OF LATS
GENES AND METHODS BASED THEREON
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                                                                                                                                                                                                                                                                                                                              Query Match
84.1%; Score 37; DB 4; Length 1130;
Best Local Similarity 75.0%; Pred. No. 77;
Matches 6; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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Sequence 3, Application US/09233857

Sequence 3, Application US/09233857

GENERAL NIVORMATION:
APPLICANT: Planagan, Peter
TITLE OF INVENTION: HUMAN ORTHOLOGUES OF WART
TITLE REFERENCE: 239/251

CURRENT APPLICATION NUMBER: US/09/233,857

CURRENT FILING DATE: 1999-01-20

BARLIER FILING DATE: 1999-01-21

SOFTWARE: FASTERE 10 NOS: 18

NUMBER OF SEQ ID NOS: 18

SOFTWARE: FASTERE for Mindows Version 3:0
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ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
REGISTRATION NUMBER: 18,872
REFERRNCE/DOCKET NUMBER: 623-003
TELECOMMUNICATION INFORMATION:
TELERAN: (212) 790-9090
TELERAX: (212) 790-9090
TELERAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1130 amino acids
TYPE: amino acids
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCES: 16
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                                                                                                                                                                                                                                                                 / MOLECULE TYPE: protein US-09-442-100-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                    943 MLVGQPPF 950
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                                                                                                                                                                                                                                                  unknown
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Best Local Similarity
Matches 6; Conserv
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US-08-939-106-4
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Patent No. 6630613
GENERAL INFORMATION:
APPLICANT: Xu, Tian
APPLICANT: Tao, Wufan
APPLICANT: Anny, Wein
APPLICANT: Zhang, Weiyi
APPLICANT: Xu, Wan
TITLE OF INVENTION: WUCLEOTIDE AND PROTEIN SEQUENCES OF LATS
TITLE OF INVENTION: GENES AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               84.1%; Score 37; DB 4; Length 1130; 75.0%; Pred. No. 77;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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APPLICATION NUMBER: US/09/442,102
                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: MISICOK, S. LEGSIGE
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-007-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-9741/8864
                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/939,106
FILING DATE: 26-NO. 6559285-1997
CLASSIPICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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Patent No. 5976893
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US-08-755-728-4
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Pred. No. 29;
3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 37
US-08-252-995D-10
Squence 10, Application US/08252995D
Squence 10, Application US/08252995D
Squence 10, Application US/08252995D
Squence 10, Application US/08252995D
Squence 10, Application IS
Squence 10, Application IS
TITLE OF INVENTION:
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
CITY: Toronto
STATE: Ontario
COMPUTR: Canada
ZIP: MSH 3Y2
COMPUTER: EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: PatentIN Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURKENT AFPLICATION DATA:

PULLING DATE: 02-JUN-1994
CLASSIFICATION : 536
ATTORNEY/AGENT INFORMATION:
NAME: KULGYGYK, Linda M
REGISTRATION NUMBER: 3153-96
TELEPRONCE/DOCKET NUMBER: 3153-96
TELEPRONE: (416) 364-7311
TELEPRONE: (417) 361-1398
INFORMATION FOR SED ID NO: 10: SEQUENCE CHARACTERISTICS:
LENGTH: 273 amino acids
TYPE: amino acid
STRANDEDNESS: single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 38
US-08-834-108-10
; Sequence 10, Application US/08834108
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62.5%;
; INPORMATION FOR SEQ ID NO: 4
; SEQUENCE CEARACTERISTICS:
; LENGTH: 1130 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-442-102-4
                                                                                                                                                                      Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 62.5
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          :|:|:||
200 LLIGRPPF 207
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943 MLVGQPPF 950
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Sequence 4, Application US/08755728

Patent No. 5962312

GENERAL INPORMATION:
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: Suite 4700

STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Argeles
STATE: California
COUNTRY: U.SA.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KINTGAGYK, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEFAX: (416) 346-7311
TELEFAX: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 273 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 81.8
Best Local Similarity 62.5
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
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200 LLIGRPPF 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 MLLGKPPF 8
                                                                                                                                                                                                                                  STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
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Search completed: June 9, 2004, 11:03:06
Job time : 10.9565 secs
                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 LLGKPPF 8
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Sequence 10.00

Batent No. 5972676

GENERAL INFORMATION

APPLICANT: Plowman, Gregory

APPLICANT: Mossie, Kevin

TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1

TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: Suite 4700

CITY: Los Angeles

CONTRY: Us. Angeles

STATE: California

CONTRY: Us. A.
SOFTWARE: FastSEQ for Windows 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
FILING DATE: No. 5962312ember 25, 1996
CLASSIFFCATION: 530
PRIOR APPLICATION: 530
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 22,327
FELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0440
TELEPHONE: (213) 955-0460
TELEFAX: (7-3510
TELEPHONE: (43) amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IEM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 5972676ember 25, 1996
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/003,943
FILING DATE: August 14, 1996
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         323 LVGKPPF 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 LLGKPPF 8
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Gaps
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         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REPERENCE/DOCKET UNBER: 223/113
TELEPHONE: (213) 489-1600
TELERA: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                         LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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us-09-736-076-16.rapb

GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

9, 2004, 11:00:56 ; Search time 32.1739 Seconds (without alignments) 69:954 Million cell updates/sec June Run on:

US-09-736-076-16 Title: Perfect score: Sequence:

1 MLLGKPPF 8

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

1155919 seqs, 281338677 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Published\_Applications\_AA:\* Database :

cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*

cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*

cgn2\_6/ptodata/1/pubpaa/PGT\_NEW\_PUB.pep:\*

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cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep:\*

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cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep:\*

cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

STIMMARTES

	Description	Sequence 16. Appl	Sequence 17. Appl	15,	Sequence 57. Appl	_		_				ø	Ġ	101	Semience 101 App	101,	
SOMMAKIES	ID	US-09-736-076-16	US-09-736-076-17	US-09-736-076-15	US-09-736-076-57	US-09-736-076-19	US-10-026-021-5	US-10-059-585-14	US-09-771-161A-249	US-09-771-161A-250	US-09-771-161A-251	US-09-769-970-1	US-10-260-708-69	US-10-024-298A-101	US-10-042-211A-101	US-10-617-217A-101	
	DB	6	σ	δ	σ	σ	14	14	σ	δ	σ	10	12	14	14	16	
	Query Match Length DB	8	6	σ	10	11	400	469	685	685	685	685	685	685	685	685	
₩	Query	100.0	100.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
	Score	44	44	41	41	41	41	41	41	41	41	41	41	41	41	41	
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o '	Seguence 9, Appli Seguence 24, Appl	l O			Sequence 71587, A	Sequence 32, Appl	5498	Sequence 63451,	Seguence	Sequence 6753,	Sequence 28061	Sequence	Seguence	Sequence 2188,		Sequence 55. At		126	Sequence 6, Appli		Sequence 123, App	Sequence 1433, Ap	Sequence 7571, Ap	4	Sequence 2, Appli	78		22
15 US-10-264-049-3124	9 US-09-642-362-9 9 US-09-515-806-24	3-10-410-76	US-10-172-088	US-10-424-599	-71		US-10-425-114	Sn	nS	ns	ūS	ns.	ns	15 US-10-369-493-2188		9 US-09-736-076-55	US-09	9 US-09-925-300-1268	US-10-026-021-	US-09-893-	US-09-771-1	<u>-3</u>	US-10-032-	9 US-09-771-161A-214	US-10-4(	ns	-10-18	16 US-10-408-765A-2279
753	122	129	183	188	193	256	257	325	345	371	479	495	628	683	705	œ	20	329	367	419				603	603	603	603	603
93.2	9.00	88.6	88.6	9.88	9.88	98.6	88.6	98.6	9.88	98.6	88.6	88.6	98.6	98.6	88.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
41	9 6	39	33	39	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38
16	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

RESULT 1

US-09-736-076-16

Sequence 16, Application US/09736076

Patent No. US20020049301A1

GENERAL INFORMATION:

APPLICANT: BEN-SEASON SHMuel A.

TITLE OF INVENITON: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENITON: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILE REPREMENCE: 1242.1015-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 08/861,338

NUMBER OF SEQ ID NOS: 68

SOFTWARE: FREESE FREESE FOR WINDOWS VERSION 4.0 TYPE: PRT ORGANISM: Artificial Sequence ; CTHER INFORMATION: J43 US-09-736-076-16 NAME/KEY: ACETYLATION LOCATION: (1)...(0) NAME/KEY: AMIDATION LOCATION: (0)...(8) SEQ ID NO 16 LENGTH: 8

Gaps .; Similarity 100.0%; Score 44; DB 9; Length 8; Similarity 100.0%; Pred. No. 1e+06; 8; Conservative 0; Mismatches 0; Indels Query Match Best Local Similarity

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ò g RESULT 2 US-09-736-076-17

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1 MLLGKPPF 8
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2 MLLGRPPF 9
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NAME/KEY: MYRISTATE
US-09-736-076-57
                                                                                                                                                                                                                                                                                                           LENGTH: 10
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Sequence 15, Application US/09736076

Patent No. US20020049301A1

APPLICANT: BEN-Sasson Shwuel A. TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILE REPERENCE: 1242.1015-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR APPLICATION WUMBER: US 08/861,338

PRIOR PELING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                           APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILT OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR APPLICATION NUMBER: US 08/861,338
PRIOR PILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SEQ ID NO 17
LENGTH: 9
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OTHER INFORMATION: position 9 is benzylester NAME/KRY: AMIDATION
OCHER (0)...(9)
OTHER INFORMATION: 342
                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(9)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
  Sequence 17, Application US/09736076
Patent No. US20020049301A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION: (0)...(9)
; OTHER INFORMATION: J43.1
US-09-736-076-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: ACETYLATION
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1 MLLGKPPF 8
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MLLGRPPF
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US-09-736-076-15
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LENGTH: 9
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RESULT 4

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Sequence 57, Application US/09736076; Sequence 57, Application US/09736076; Patent No. US20020049301A1.
GENERAL INFORMATION:
APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES; TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES; TIME REPERRINE: 1242.1015-009; CURRENT APPLICATION NUMBER: US/09/736,076; CURRENT FILING DATE: 1997-05-21; PRIOR FILING DATE: 1997-05-21; NUMBER OF SEQ ID NOS: 68; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Ben-Sasson Shmuel A.
APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT PILING DATE: 2000-12-13
PRIOR FILING DATE: 1997-05-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             93.2%; Score 41; DB 9;
87.5%; Pred. No. 0.88;
                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: (1)...(0)
OTHER INFORMATION: position 10 is benzylester
NAME/KEY: AMIDATION
NAME/KEY: (0)...(10)
OTHER INFORMATION: SNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(11)
OTHER INFORMATION: J46
US-09-736-076-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 5
US-09-736-076-19
; Sequence 19, Application US/09736076
; Patent No. US20020049301A1
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                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 87.5
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Best Local Similarity 87.5
Matches 7; Conservative
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US-09-771-161A-249
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US-09-771-161A-250
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LENGTH: 685
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Sequence 5, Application US/10026021

Publication No. US20030027756A1

GENERAL INFORMATION:

APPLICANT: Hitoshi, Yasumichi

APPLICANT: Demo, Susan

APPLICANT: Demo, Susan

TITLE OF INVENTION: Treatment of Cancer

TITLE OF INVENTION: Treatment of Cancer

TITLE OF INVENTION: Treatment of Cancer

TITLE OF INVENTION: USA: Wodulation of Cancer

TITLE OF INVENTION: Treatment of Cancer

CURRENT APPLICATION NUMBER: US/10/026,021

CURRENT APPLICATION NUMBER: US/00/026,021

PRIOR APPLICATION NUMBER: US 60/309,632

PRIOR APPLICATION NUMBER: US 60/309,632

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PatentIN Ver. 2.1

SEQ ID NO 5

LENGTH: 400
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CACATION: (1)...(400)
COTHER INFORMATION: human SNK mitotic kinase kinase domain
SS-10-026-021-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Yamamoto, Jun.ichi
APPLICANT: Yamamoto, Jun.ichi
APPLICANT: Ishii, Shizuko
APPLICANT: Ishii, Shizuko
APPLICANT: Makamatsu, Tomoyasu
APPLICANT: Wakamatsu, Ai
APPLICANT: Washi, Tetsuji
APPLICANT: Punahashi, Tetsuji
APPLICANT: Funahashi, Tetsuji
APPLICANT: Funahashi, Shin-Ichi
APPLICANT: Funahashi, Shin-Ichi
APPLICANT: Farahashi, Shin-Ichi
APPLICANT: Farahashi, Shin-Ichi
APPLICANT: Mezu, Jun-Ichi
APPLICANT: Mezu, Jun-Ichi
APPLICANT: Nezu, Jun-Ichi
APPLICANT: Nezu, Jun-Ichi
APPLICANT: Nezu, Jun-Ichi
APPLICANTON: WUMBER: US/10/059,585
CURRENT APPLICATION NUMBER: DCT/JP00/05060
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: US 60/159,590
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: UP 2000-118776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Mismatches
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APPLICATION NUMBER: JP 11-248036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/10059585
Publication No. US20030082776A1
GENERAL INFORMATION:
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Nishikawa, Tetsuo
Hayashi, Koji
Otsuka, Kaoru
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 87.5-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      273 MLLGRPPF 280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MLLGKPPF 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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93.2%; Score 41; DB 14; Length 469;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 7; Conservative 1; Mismatches 0; Indels
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Pred. No. 58;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES ITILE OF INVENTION: VARIANTS OF PROTEIN KINASES PLIE REPERENCE: 8052620-2005.1
CURRENT REPERENCE: 8052620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PATENTIN VETSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 250, Application US/09771161A
Patent No. US20020110811A1
GENERAL INCOMPATION:
TILLE OF INVENTION: et al.
TILLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT FILING DATE: 2001-01-26
PRIOR FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-011-28
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FREUSEQ for Windows Version 4.0
SEQ ID NO 14
LENGTH: 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 249, Application US/09771161A Patent No. US20020110811A1 GENERAL INFORMATION:
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Best Local Similarity 87.5.
                                                                                              ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-059-585-14
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US-09-771-161A-250
                                                                                                                                                                                                                                                                                                                                      57 MLLGRPPF 64
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PILLING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0321 US
TELEPHONE: 415-855-0555
TELEPHONE: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ASAHI KASEI KABUSHIKI KALSHA
APPLICANT: Akio MATSUDA
APPLICANT: Goichi HONDA
APPLICANT: Shuji MURAMATSU
APPLICANT: Yukiko NAGANO
TITLE OF INVENTION: NF-K B Activating Gene
                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/272,796
                                                                                                                                                                                                                                                                                                                                                                                    CLONE: 39043
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               sequence 101, Application US/10024298A; Publication No. US20030143540Al; GENERAL INFORMATION:
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                         LENGTH: 685 amino acids
                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       93.2%;
87.5%;
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   93.2%;
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                                                                                                                                                                                                                                                                                                                                                                    LIBRARY: HUVENOB01
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Best Local Similarity 87.5
Matches 7; Conservative
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Best Local Similarity 87.5
----hes 7; Conservative
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ORGANISM: homo sapiens
US-10-260-708-69
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273 MLLGRPPF 280
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93.2%; Score 41; DB 9; Length 685;
Best Local Similarity 87.5%; Pred. No. 58;
Matches 7; Conservative 1; Mismatches 0; Indels
                        Score 41; DB 9; Length 685; pred. No. 58; 0; Indels 1; Mismatches 0; Indels
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COMPUTER: IBM Compatible
COMPUTER: IBM COMPATIBLE
CORRATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: 24-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                                                                                  US-US-//1-LOAR-ZD1

Patent NO. US20020110811A1

GENERAL INFORMATION:

APPLICANT: LEVENTE, et al.

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1

CURRENT APPLICATION NUMBER: 09/724,676

PRIOR FILING DATE: 2000-01-26

PRIOR FILING DATE: 2000-04-15

PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SOFTWARE: PATENTING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SOFTWARE: PATENTING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SEQ ID NO 251

LENGTH: 685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto STATE: CA COUNTRY: USA ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hillman, Jennifer L.
Corley, Neil C.
Guegler, Karl G.
Lal, Preeti
Goli, Surya K.
Shah, Purvi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/09769970
Publication No. US20030170219A1
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
                                93.2%;
87.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
                Query Match
Best Local Similarity 87.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              273 MLLGRPPF 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                 ||||:|||
273 MLLGRPPF 280
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US-09-769-970-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
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Pred. No. 58; 0; Indels
1; Mismatches 0; Indels
Score 41; DB 10; Length 685;
Pred. No. 58;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                      genence 69, Application US/10260708

publication No. US20040063101A1

GENERAL INFORMATION:

APPLICANT: Scanlan, Matthew

APPLICANT: Old, Lloyd

TITLE OF INVENTION: Human Sarcoma-Associated Antigens

FILE REFERENCE: LO0461/70138

CURRENT APPLICATION UNBER: US/10/260,708

CURRENT FILING DATE: 2002-09-30

NUMBER OF SEQ 1D NOS: 96

COMMANDER OF SEQ 1D NOS: 96
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; OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids US-10-264-049-3124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Birse et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERENCE.
CURRENT APPLICATION NUMBER: US/10/264,049

CURRENT APPLICATION NUMBER: DC7/US01/18569

FRIOR APPLICATION NUMBER: PC7/US01/18569

PRIOR PILING DATE: 2001-06-07

PRIOR FILING DATE: 2000-06-07

NUMBER OF SEQ ID NOS: 4360

SOFTWARE: Patentin Ver. 3.1

SEQ ID NO 3124

LENGTH: 753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 41; DB 16; Length 685;
Pred. No. 58;
1; Mismatches 0; Indels
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Pred. No. 63;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                 TITLE OF INVENTION: NF-kB ACTIVATING GENE FILE SPERENCE: 1254-0229
FILE SPERENCE: 1254-0229
CURRENT APPLICATION NUMBER: US/10/617,217A
CURRENT FILING DATE: 2003-07-11
PRIOR APPLICATION NUMBER: US 2000-402288
PRIOR FILING DATE: 2000-12-28
PRIOR FILING DATE: 2001-03-26
PRIOR PLING DATE: 2001-03-26
PRIOR PLING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR PILING DATE: 2001-08-24
       Sequence 101, Application US/10617217A
Publication No. US20040081986A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3124, Application US/10264049; Publication No. US20040005579A1; GENERAL INFORMATION:
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93.2%;
Best Local Similarity 87.5%;
Matches 7; Conservative 1
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Best Local Similarity 87.5
Matches 7; Conservative
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CRGANISM: Homo sapiens
US-10-617-217A-101
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ORGANISM: Homo sapiens
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Pred. No. 58;
1; Mismatches 0; Indels
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Sequence 101, Application US/10042211A

Sequence 101, Application US/10042211A

Sequence 101, Application US/10042211A

Sequence 101, Bellication US/10042211A

Sequence 101, USCOMANTON:

Publication No. US20030170719A1

TITLE OF INVENTION: WREA Activating Gene
FILE REFERENCE: 1254-0192P

CURRENT FLLING DATE: 2002-01-11

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2001-088912

PRIOR FILING DATE: 2001-08-24

NUMBER OF SEQ ID NOS: 182

NUMBER OF SEQ ID NOS: 182

"WOMBER OF SEQ ID NOS: 182
          THIE KEEKENCE. 1.2.3. U.19.1F

CURRENT APPLICATION NUMBER: US/10/024,298A

CURRENT FILING DATE: 2003-04-08

PRIOR PELLING DATE: 2001-04-08

PRIOR FILING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: 60/278,641

PRIOR APPLICATION NUMBER: 60/278,641

PRIOR APPLICATION NUMBER: 60/269,315

PRIOR APPLICATION NUMBER: 60/269,315

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2001-03-24

PRIOR FILING DATE: 2001-03-26

PRIOR PILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: JP40288/2000

PRIOR APPLICATION NUMBER: JP40288/2000

PRIOR PILING DATE: 2000-13-28

NUMBER: OF SEQ ID NOS: 182

SOFTWARE: PALCHING DATE: 2000-13-28

SOFTWARE: PALCHING DATE: 2000-13-28
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Best Local Similarity 87.5%;
Matches 7; Conservative
FILE REFERENCE: 1254-0191P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo Bapiens
US-10-024-298A-101
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; ORGANISM: Homo sapiens
US-10-042-211A-101
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Best Local Similarity
Matches 7; Conserv
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RESULT 17

RESULT 15 US-10-617-217A-101

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SEQ ID NO 107
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Fatent No. US2002012321A1
GENERAL INFORMATION:
APPLICANT: COOK, WILLIAM J.
APPLICANT: KAPELLER-LIBERMANN, ROSANA
TITLE OF INVENTION: 14790, NOVEL PROTEIN KINASE MOLECULE AND USES THEREFOR FILLE OF INVENTION: 14790, NOVEL PROTEIN KINASE MOLECULE AND USES THEREFOR FILLE OF INVENTION: 0800-02-29
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 24
LENGTH: 122
TYPE: PRT
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US-09-515-806-24
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Sequence 9, Application US/09842582;
Patent No. US20020155570A1
GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Willennium Pharmaceuticals, Inc.
APPLICANT: Willennium Pharmaceuticals, Inc.
APPLICANT: Willennium Pharmaceuticals, Inc.
APPLICANT: Willens, Rachel
FILE REFERENCE: 38155-20054.00
CURRENT APPLICATION NUMBER: US 09/442,582
CURRENT APPLICATION NUMBER: US 60/199,391
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-04-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 39; DB 9; Length 122;
Pred. No. 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 88.6%; Score 39; DB 9; Length 40; Best Local Similarity 87.5%; Pred. No. 7.8; Matches 7; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COTHER INFORMATION: Consensus amino acid US-09-842-582-9
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APPLICANT: Meyers, Rachel E.
APPLICANT: MacBeth, Kyle J.
APPLICANT: Curtis, Rory A.J.
APPLICANT: Rudolph-Owen, Laura A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 107, Application US/10410764 Publication No. US20040005664A1 GENERAL INFORMATION:
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87.5%;
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Best Local Similarity 87.5'
7; Conservative
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US-10-410-764-107
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US-09-515-806-24
                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 9
LENGTH: 40
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
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APPLICANT: Curagen Corporation
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John F
TITLE OF INVENTION: NOVEL SERINE/THREONINE PROTEIN-KINASE LIKE PROTEINS AND
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
                                                        Gaps
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                                                        Indels
                                                     1;
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                87.5%; Pred. No. 37; tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                              Sequence 32, Application US/09898837A Publication No. US20030077697A1 GENERAL INFORMATION:
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; ORGANISM: Saccharomyces cerevisiae
US-09-898-837A-32
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Taupier Jr., Raymond
Rastelli, Luca
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Spytek, Kimberly A.
Majumder, Kumud
Vernet, Corine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Herrmann, John L.
Burgess, Catherine
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APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
             Best Local Similarity 87.5
Matches 7; Conservative
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 32
LENGTH: 256
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Best Local Similarity 75.0°
....hes 6; Conservative
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193 LLIGKPPF 200
                                                                                                          1 MLLGKPPF 8
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                                                                                                                                                                     54 MLTGKPPF
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US-10-425-114-54987
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APPLICANT:
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; Publication Wo. US20040031072A1
; Bublication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Low Yihua
; APPLICANT: Zow Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules
; TITLE OF INVENTION: Soy Nucleic Acid Molecules
; TITLE OF INVENTION: Soy Nucleic Acid Molecules
; TITLE OF INVENTION: Soy Nucleic Acid Molecules
; TITLE REFERENCE: 38-1(5323)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 251506
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APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
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                                                                                                                                                                                             Score 39; DB 14; Length 183;
Pred. No. 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 12; Length 193;
                                                                                                                                                                                                                                                            1; Indels
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US-10-425-114-71587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Clone ID: PAT_MRT3847_69137C.1.pep US-10-424-599-251506
                                                                                         ; OTHER INFORMATION: Consensus amino acid sequence US-10-172-088-12
                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88.6%; Score 39;
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Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
                                                                                                                                                                                         88.6%;
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Best Local Similarity 87.57
                                                                                                                                                                                   Query Match
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                   176 MLTGKPPF 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             56 MLTGKPPF 63
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ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 21
US-10-424-599-251506
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LENGTH: 193
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Sequence 280612, Application US/10424599
Publication Vo. US20040031072A1
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Lovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(5322)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NOS: 285684
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OP INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF TITLE OP INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REPRENKUE: 38-10(52052)8
CURRENT APPLICATION NUMBER: US 60/360,039
PRIOR PLILING DATE: 2003-02-21
PRIOR PLILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 6753
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12; Length 345;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Indels
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US-10-425-114-52224
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Pred. No. 66;
0; Mismatches
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                                                                                                                                FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 52224
LENGTH: 345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 6753, Application US/10369493; Publication No. US20030233675A1; GENERAL INFORMATION:
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; ORGANISM: Caenorhabditis elegans
US-10-369-493-6753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 88.6%;
Best Local Similarity 87.5%;
Matches 7; Conservative
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Best Local Similarity 75.0
Matches 6; Conservative
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ORGANISM: Glycine max
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US-10-424-599-280612
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Ladoska, Jack E.

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NOS: 73128
LENGTH: 257
TYPE: note that the control of the control of
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APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Zovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Zhou, Yihua Zhou, Yihua Zhou, Yihua Zhou, Yihua Zhou, Yihua Zhou, Yihua Zhou Zhari. Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 12; Length 257; 49;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Clone ID: UC-GMROPIC065C11_FLI.pep
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        88.6%; Score 39;
87.5%; Pred. No.
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Sequence 55224, Application US/10425114

; Publication No. US2004003488BA1

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 63451, Application US/10425114; Publication No. US20040034888A1; GENERAL INFORMATION:
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Best Local Similarity 87.5
Matches 7; Conservative
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Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Liu, Jingdong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          186 MLTGKPPF 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           118 MLTGKPPF 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MLLGKPPF 8
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ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 25
US-10-425-114-63451
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LENGTH: 325
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APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Seven C.
APPLICANT: Slater, Seven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPERSSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF FILE PERERENCE: 38-10(52052)B
CURRENT PREPRENCE: 38-10(52052)B
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 1864
                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2188, Application US/10369493
| Publication No. US2030233675A1
| GENERAL INFORMATION:
| APPLICANT: Goo, Yongwei
| APPLICANT: Hinkle, Gregory J.
| APPLICANT: Goldman, Barry S.
| APPLICANT: BARRY S. BARY
                                                                                                                                     Gaps
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                                                    Score 39; DB 15; Length 628;
Pred. No. 1.2e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 39; DB 15; Length 683;
Pred. No. 1.3e+02;
2; Mismatches 0; Indels
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Publication No. US20030233675A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Schizosaccharomyces pombe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) ORGANISM: Saccharomyces cerevisiae US-10-369-493-1864
                                                               88.6%;
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Best Local Similarity 75.0
Matches 6; Conservative
                                                           Query Match
Best Local Similarity 87.5
Matches 7; Conservative
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233 LLIGKPPF 240
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Best Local Similarity
US-10-369-493-22776
                                                                                                                                                                                                                                                                                                                                                                                                   US-10-369-493-2188
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Sequence 22776, Application US/10369493

Publication No. US20030233675A1

Publication No. US20030233675A1

Publication No. US20030233675A1

APPLICANT: Hinkle, Gregory J.

APPLICANT: Slater, Steven C.

APPLICANT: Goldman, Barry S.

APPLICANT: Glater, Manfeng

TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES

TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES

TITLE OF INVENTION: ENANCE WITH IMPROVED PROPERTIES

TITLE OF INVENTION: AND ADDICATION WINDER: US 10/10/369, 493

CURRENT FILING DATE: 2002-02-28

NUMBER OF SEQ ID NOS: 47374

SEQ ID NO 22776

LENGTH 628
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Serven B.
APPLICANT: Tabaska, Jack B.
APPLICANT: Tabaska, Jack B.
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION WOMBER: US/10/425,114
CURRENT FILING DATE: 2002-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO S8916
TYPE. D.
TYPE. D.
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                                                                                                                                                                                                     Gaps
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                                                                                                                           Score 39; DB 12; Length 479;
Pred. No. 91;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 88.6%; Score 39; DB 12; Length 495; Best Local Similarity 87.5%; Pred. No. 94; Matches 7; Conservative 0; Mismatches 1; Indels
                     ; OTHER INFORMATION: Clone ID: PAT_MRT3847_95415C.1.pep
US-10-424-599-280612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Clone ID: 700348928_FLI.pep
US-10-425-114-58916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: unsure
LOCATION: (1)..(628)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Schizosaccharomyces pombe
                                                                                                                       Query Match 88.6%;
Best Local Similarity 87.5%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                             340 MLTGKPPF 347
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ORGANISM: Zea mays
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US-10-425-114-58916
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US-09-925-300-1268
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US-10-026-021-6
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OTHER INFO
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                                                                                                           Sequence 55, Application US/09736076

Sequence 55, Application US/09736076

Patent No. US20020043301A1

GENERAL INFORMATION:

APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR PLILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: PARCES FOR Windows Version 4.0

SEQ ID NO 55

LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JUNEARD INFORMATION:
SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-005
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR APPLICATION NUMBER: US 08/861,338
PRIOR FILING DATE: 1997-06-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 20
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Pred. No. 1e+06;
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US-09-736-076-6
Sequence 6, Application US/09736076
Patent No. US20020049301A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 75.0%;
Matches 6; Conservative
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NAME/KEY: ACETYLATION
; LOCATION: (1)...(0)
; NAME/KEY: AMIDATION
; LOCATION: (0)...(8)
; OTHER INFORMATION: Plk
US-09-736-076-55
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274 LLIGKPPF 281
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LLVGKPPF 10
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Matches 6; Conserv
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                                                                                      RESULT 33
US-09-736-076-55
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LOCATION: (3) OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: (59)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (328)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: (308)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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; Publication No. US20030027756A1
; Publication No. US20030027756A1
; GENERAL INFORMATION:
; APPLICANT: Hitoshi, Yasumichi
; APPLICANT: Demo, Susan
; APPLICANT: Jenkins, Yonchu
; APPLICANT: Rigel Pharmaceuticals, Inc.
; TITLE OF INVENTION: SAR: Modulation of Cellular Proliferation for
; TITLE OF INVENTION: Treatment of Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
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Sequence 1268, Application US/09925300
; Sequence 1268, Application US/09925300
; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
; APPLICANT: Steve Ruben,
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; CURRENT APPLICATION NUMBER: US/09/925,300
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05988
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF ERQ ID NOS: 1890
; SOFTWARE: Patentin Ver. 2.0
; SRQ ID NO 1268
; LENGTH: 329
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Pred. No. 95;
2; Mismatches 0; Indels
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Best Local Similarity 75.0%;
Matches 6; Conservative ;
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260 LLVGKPPF 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 B
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RESULT 35

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TYPE: PRT
ORGANISM: Saccharomyces cerevisiae
                 SOFTWARE: Patentin version 3.0
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SEQ ID NO 7571
LENGTH: 528
                                                                                                                                                            Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 75.0
Matches 6; Conservative
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                                                                          TYPE: PRT
CORGANISM: Homo sapiens
US-09-771-161A-123
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157 LLVGKPPF 164
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US-10-369-493-1433
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US-10-032-585-7571
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                                   SEQ ID NO 123
LENGTH: 516
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Pred. No. 1.2e+02;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                      NAME/KEY: DOMAIN
1 LOCATION: (1)..(367)
2 CTHER OF A LOCATION: human PLKI mitotic kinase kinase domain
US-10-026-02F-04-6
                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 106, Application US/09893737

Patent No. US20020110855A1

GENERAL INFORMATION

APPLICANT: Sheppard, Paul O.

APPLICANT: Sheppard, Paul O.

TILLE OF INVENTION: MAMMALIAN SECRETED PROTEINS

TILLE OF INVENTION: MAMMALIAN SECRETED PROTEINS

CURRENT APPLICATION NUMBER: US/09/893,737

CURRENT FILING DATE: 2001-06-28

PRIOR APPLICATION NUMBER: US 60/215,446

PRIOR FILING DATE: 2000-06-30

NUMBER OF SEQ ID NOS: 329

SEQ ID NO 106

SEQ ID NO 106

LENGTH: 419
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Fatent No. US2020110811A1
Fatent No. US2020110811A1
Fatent No. US2020110811A1
FAPPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: BOS20202055.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
FRIOR APPLICATION NUMBER: 136776
FRIOR FILING DATE: 2000-01-28
FRIOR APPLICATION NUMBER: 136776
FRIOR FILING DATE: 2000-06-15
FRIOR FILING DATE: 2000-04-15
FRIOR FILING DATE: 2000-04-15
                                                                                                                                                                                                                                                                                                                                                                 86.4%; Score 38; DB 14; 75.0%; Pred. No. 1.1e+02; ative 2; Mismatches 0,
FILE REFERENCE: 021044-001210US
CURRENT APPLICATION NUMBER: US/10/026,021
CURRENT FILING DATE: 2002-06-25
FRIOR APPLICATION NUMBER: US 60/309,632
FRIOR FILING DATE: 2001-08-01
NUMBER OF ESC ID NOS: 8
SOUTHARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 367
TYPE: PRT
ORGANISM: HOMO Sapiens
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100.0%;
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Best Local Similarity 75.0
Matches 6; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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244 LLVGKPPF 251
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CAGANISM: Homo sapiens
US-09-893-737-106
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US-09-771-161A-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-893-737-106
                                                                                                                                                                                                                                    FEATURE:
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1 MLLGKPPF 8 :|:||||| 454 LLVGKPPF 461 qq

Search completed: June 9, 2004, 11:22:06 Job time: 33.1739 secs

GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

- protein search, using sw model OM protein

June Run on:

9, 2004, 10:56:30 ; Search time 12.3261 Seconds (without alignments) 37.695 Million cell updates/sec

US-09-736-076-17 Title: Perfect score:

1 MLLGKPPFE 9 BLOSUM62 Scoring table: Sequence:

389414 seqs, 51625971 residues Gapop 10.0 , Gapext 0.5 Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries

Issued Patents AA:\* Database

1: /cgn2\_6/ptodata/2/iaa/5A\_COMB.pep:\*
2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep:\*
3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep:\*
4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep:\*
5: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep:\*
6: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES Query Match Length DB Score Result

Description

		-861-338-17	-861-338-15	US-08-861-338-19	-252-995D-12	-834-108-12	070 000 1
		US-08	US-08	US-08-	US-08-	US-08-	110.00
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Sequence 17, Appl Sequence 19, Appl Sequence 19, Appl Sequence 12, Appl Sequence 2, Appl Sequence 2, Appl Sequence 1, Appl Sequence 14, Appl Sequence 16, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl Sequence 18, Appl Sequence 11, Appl

US-09-272-796-1 US-09-505-744-2 US-08-61-318-16 US-08-861-318-16 US-08-252-995D-14 US-08-252-995D-14 US-09-311-311C-26 US-09-311-311C-26 US-08-252-995D-13 US-08-355-728-4 US-08-755-728-4 US-08-955-4 

US-08-834-108-11 US-08-252-995D-10 US-08-834-108-10 US-08-755-728-3 US-08-974-655-3 

Appli Sequence US-09-016-000-1 US-08-252-995D-2 US-08-252-995D-6 US-08-252-995D-6 US-08-72-647-4 US-08-72-647-4 US-08-834-108-6 US-08-834-108-4 US-09-428-118-21 US-09-428-118-21 US-08-861-338-3 US-07-857-2248-10 US-07-857-2248-11 347 416 416 464 464 737 925 925 

## ALIGNMENTS

APPLICANT: Ben-Sasson, Shmuel A.
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive Sequence 17, Application US/08861338 Patent No. 6174993 GENERAL INFORMATION: US-08-861-338-17 RESULT 1

STREET: Two Militia D CITY: Lexington STATE: Massachusetts COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: J-MAY-1997
CLASSIFICATION S14
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David B.
REGISTRATION VUMBER: 22.592
REFRENCE/DOCKET NUMBER: CMCC-590
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-9540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TVDE: AMINO acids
TVDE: AMINO acids

SS: not relevant not relevant TYPE: amino acid STRANDEDNESS: not rel TOPOLOGY: not relevar MOLECULE TYPE: peptide

LOCATION: 1 OTHER INFORMATION: /note= "N-Acetyl Methionine" NAME/KEY: Modified-site

LOCATION: 9
'OTHER INFORMATION: /note= "Gamma Benzyl Ester of OTHER INFORMATION: Glutamine Acid-NH2"
US-08-861-338-17 NAME/KEY: Modified-site

Sequence 1 Sequence 3 Sequence 3

Sequence 3 Sequence Sequence

us-09-736-076-17.rai

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                                                                                                                                                                                                 US-08-861-338-15
Sequence 15, Application US/08861338
Patent No. 6174993
Patent No. 6747993
CENNERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS: ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
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100.0%; Score 49; DB 3; Length 9; 100.0%; Pred. No. 3e+05; Live 0; Mismatches 0; Indels
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OTHER INFORMATION: /note= "Gamma Benzyl Ester of corner inFormation: Glutamic Acid-NH2"
US-08-861-338-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 02173

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 46; DB 3;
Pred. No. 3e+05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRENT AFFLICATION DATA:

PELLING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFERMATION:
NAME: BLOOK, DAVIG E.
REGISTRATION NUMBER: 22,592
REFERNICE/DOCKET NUMBER: CMCC-590
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-9540
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SS: not relevant not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.9%;
88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 88.9.
  Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                           Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MLLGRPPFE 9
                                                                                  1 MLLGKPPFE 9
                                                                                                                       1 MLLGKPPFE 9
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                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Lexington
STATE: Massachus
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 3
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US-08-861-338-19; Sequence 19, Application US/08861338; Patent No. 6774993; Patent INFORMATION:

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0
APPLICANT: Ben-Sasson, Shmuel A.

TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
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Sequence 12, Application US/08252995D
Fatent No. 56505D
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                                                                                                                              CALF: UZI/3 COMPUTER: TEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BROOK, DAYIG E.
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: CMCC-590
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELEPHONE: (791) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COCATION: 11
COTHER INFORMATION: /note= "Serine-NH2"
US-08-861-338-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West CITY: Toronto STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 9
OTHER INFORMATION: /note=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (781) 861-624
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 11 amino acids
TYPE: amino acid
STRANDEDNESS: not relea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 88.9;
                                                                                                                                                                                           STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MLLGKPPFE 9
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STATE: Or
COUNTRY:
                                                                                                                                                                                                               COUNTRY:
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SEE: Incyte Pharmaceuticals, Inc.: 3174 Porter Drive
Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                Hillman, Olga
Hillman, Jennifer L.
Corley, Neil C.
Guegler, Karl G.
Lal, Preeti
Goli, Surya K.
Shah, Purvi
                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/08878989
Patent No. 5885803
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Bilings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION:
TELEPHONE: 415-855-0551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
                                                                                                                              Query Match
Best Local Similarity 88.98;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                         ORGANISM: Mus musculus
                                                   MOLECULE TYPE: peptide ORIGINAL SOURCE:
               STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                               199 MLLGRPPFE 207
                                                                                                                                                                                                                             1 MLLGKPPFE 9
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LIBRARY: HUVENOB01
CLONE: 39043
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94304
                                                                                                            US-08-834-108-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: C
                                                                                                                                                                                                                                                                                                                                          US-08-878-989-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-878-989-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: Canada

ZITI: Oncario

COUNTRY: Canada

ZITI: MSH 374

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

CLASSIPLATION DATA:

CLASSIPLATION: SYSTEM: DS/08/834,108

FILING DATE:

CLASSIPLATION: UNMBER: 34,97

REFERENCE/DOCKET NUMBER: 34,971

REFERENCE/DOCKET NUMBER: 3153-210

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEFEXX: (416) 361-1398

INFORMATION FOR SEQ ID NO: 12:

SEQUIRNEE CHARACTERISTICS:
   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UUN-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           93.9%; Score 46; DB 1, 88.9%; Pred. No. 0.42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                        ATTORNEY/AGENT INPORMATION:
NAME: Kurdydyk, Linda M
REGISTATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 361-1398
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                              LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 272 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    199 MLLGRPPFE 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 8; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-252-995D-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM:
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    DB 2; Length 272;
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                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
93.9%; Score 46; DB 2;
B8.9%; Pred. No. 0.42;
live 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
SOFTWARE: FASISE for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 93.9%; Score 46; DB 3; Length 685; 88.9%; Pred. No. 1.1; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/09505744
; Sequence 2, Application US/09505744
; Patent No. 6245544
; GENERAL INFORMATION:
   APPLICANT: Karen M. Anderson
; APPLICANT: Mark M. Bouzyk
   APPLICANT: Mark M. Bouzyk
   APPLICANT: Application J. Hansbury
   APPLICANT: Application S. Nerurkar
   APPLICANT: Application: HUMAN SERUM INDUCIBLE KINASE (SNK)
   TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
   TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE
; TOURRENT APPLICATION NUMBER: 09/136,282
; EARLIER APPLICATION NUMBER: 09/136,282
; EARLIER PILING DATE: 1999-08-20
; EARLIER FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 3
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: DISEASE ASSOCIATED PROTBIN
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS: 2
CORRESPONDENCE ADDRESS: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastsEQ for Windows Version 2.0
CUREBNY APPLICATION DATA:
APPLICATION NUMBER: US/09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                 PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION WUBBER:
PILING DATE:
ATTONEY/ABOUT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: PF-0321
TELEPHONE: 415-855-0555
TELEPHONE: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         273 MLLGRPPFE 281
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; CLONE: 39043
US-09-272-796-1
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                                                                                                                                                    STREET: 31/7 -
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                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                     APPLICANT: ANDERSON, KAREN
APPLICANT: JACKSON, JEFFREY
APPLICANT: HANSBURY, MICHAEL
APPLICANT: HANSBURY, MICHAEL
APPLICANT: ROSHAK, ANY
APPLICANT: BOUZYK, MARK
TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
NUMBER OF SEQUENCES: 3
GORRESPONDENCE ADDRESS:
ADDRESSEE: RAIDEL & Prestia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette
COMPUTER: IBM COmpatible
COMPUTER: IBM COMPATIBLE
SOFTWARE: FASTEM: DOS
SOFTWARE: FASTEQ for Windows Version 2.0
CURRENY APPLICATION DATA:
FILING DATE: 20-AUG-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 46; DB 3
Pred. No. 1.1;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/056,112
FILING DATE: 20-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GH-70231
TELEPHONE: 610-407-0700
TELEPHONE: 610-407-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/09272796; Patent No. 6207148; GENERAL INFORMATION; APPLICANT: Bandman, Jennifer L. APPLICANT: Corley, Neil C. APPLICANT: Guegler, Karl G.
                                                                                                                                                    US-09-136-282-2
; Sequence 2, Application US/09136282
Patent No. 6063609
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Ratner & Prestia
STREET: P.O. Box 980
CITY: Valley Forge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          93.9%;
88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 846169
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 93.9
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , MOLECULE TYPE: protein US-09-136-282-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 19482
COMPUTER READABLE FORM:
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273 MLLGRPPFE 281
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                                   1 MLLGKPPFE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: PA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 8
US-09-272-796-1
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Gaps

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; MOLECULE TYPE: peptide US-08-861-338-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: no
                                                                                                                                                                                                                                                                                                                                                                                                                         02173
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                                                             US-08-861-338-6
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Sequence 16, Application US/08861338

Fatent No. 617493

GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                             93.9%; Score 46; DB 3; Length 685; 88.9%; Pred. No. 1.1;
                                                                                                                                                                                                                                   0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 12-MAY-1997
CLASSIFICATION: 514
ATTONREY/AGENT INFORMATION:
NAME: BROOK David E.
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 27,592
RELEFANCE/POCKET NUMBER: 24,594
TELEFHONE: (781) 861-6240
TELEFAN: (781) 861-6240
TELEFAN: (781) 861-6340
TELEFAN: (781) 861-5940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 8
OTHER INFORMATION: /note= "Phenylalanine-NH2"
                                                                                                                                                                                                                                1; Mismatches
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified-site
                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                              273 MLĽGRPPFE 281
                                                                                                ; ORGANISM: HOMO SAPIENS
US-09-505-744-2
                                                                                                                                                                                                                                                                              1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MLLGKPPF 8
                                                                                                                                                                           Query Match
Best Local Similarity
Matches 8; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     02173
                SEQ ID NO 2
LENGTH: 685
TYPE: PRT
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| Sequence | Application Us/0861338 |
| APPLICATORY: Ban-Sasten, Shmal A. |
| APPLICATORY: Ban-Sasten, Shmal A. |
| APPLICATORY: Usa | Author | Auth
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Gaps
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                                                     Length 272;
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga; APPLICANT: Holtrich, Uwe TITLE OF INVENTION: CLONING OF A MEMBER OF THE SERINE-TITLE OF INVENTION: THREONINE-KINASE FAMILY NUMBER OF SQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: SPRUGH HORN KRAMER & WOODS
STREET: 660 White Plains Road
GTTY: Tarrytcown
STRATE: New York
COUNTRY: U.S.A.
ZIP: 10591-5144
COMPUTER READABLE PORM:
MEDIUM TYPE: Biskette, 3.50 inch, 2.0 MB
MEDIUM TYPE: Storage
COMPUTER: NGC POWERMEDE SX-20
OPPERATING SYSTEM: DGS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/198,122
TILING DATE: 33-FBB-1996
APPLICATION NUMBER: US/08/601,014
FILING DATE: 30-AUG-1994
RILING DATE: 30-AUG-1994
RILING DATE: 30-AUG-1994
RILING DATE: 30-AUG-1993
ATTORREY AGENT INFORMATION:
ADDESSERVACION DATA:
ADDESSERVACION NUMBER: BAJ9177
FILING DATE: 30-AUG-1993
ATTORREY AGENT INFORMATION:
NAME: KLUT G. BETIGGOG
REGISTRATION NUMBER: BAYER 9516-KGB
TELECOMMUNICATION INFORMATION:
NAME: KLUT G. BETIGGOG
REGISTRATION NUMBER: BAYER 9516-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
                                                  87.8%; Score 43; DB 2;
77.8%; Pred. No. 1.5;
tive 2; Mismatches (
                                                                                                                                                                                                                                                                             US-09-198-122-2; Sequence 2, Application US/09198122; Patent No. 6180380; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                : 603 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (914) 332-1844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 87.8
Best Local Similarity 77.8
Matches 7; Conservative
                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) MOLECULE TYPE: Protein US-09-198-122-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                :|:||||||
244 LLVGKPPFE 252
                                                                                                                                                                        :|:||||||
199 LLVGKPPFE 207
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                                                                                                                                                 1 MLLGKPPFE 9
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US-09-311-311C-26
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                  US-08-834-108-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                                                                                                                                                             RESULT 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDREESEE: BEREKIN & PARR
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN PC-DOS/MS-DOS
SOFTWARE: PATCHIN PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 43; DB 1;
Pred. No. 1.5;
2; Mismatches (
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/52,995D
FILING DATE: 02-UNN-1994
CLASSIFICATION: 536
ATTORNET: NIFORMATION:
NAME: KUICHOY, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7316
SEQUENCE CHARACTERISTICS:
LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPPLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REPRENCE/DOCKET NUMBER: 3153-
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 87.8%;
Best Local Similarity 77.8%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                :|:||||||
199 LLVGKPPFE 207
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-252-995D-14
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83.7%; Score 41; DB 1; Length 275; 66.7%; Pred. No. 3.7;
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Patent No. 5962312
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Toronto
STATE: Ontario
COMPRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: PATENTINE PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                     US-08-834-108-13
Sequence 13, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INFORTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                   3; Mismatches
      ; ORGANISM: Saccharomyces cerevisiae US-08-252-995D-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Saccharomyces cerevisiae US-08-834-108-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFRENCE/DOCKET NUMBER: 3153
TELECOMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAK: (416) 361-139
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: BERESKIN & PARR
40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83.7%;
66.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 275 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                    Query Match
Best Local Similarity 66.77
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 66.77
Para 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
LENGTH: 275 amino aci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                     :|:|||||:
200 LLIGKPPFQ 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     :|:|||||:
200 LLIGKPPFQ 208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 40 ALL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-755-728-4
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               Parent No. 6358738
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POLO BOX THERAPEUTIC COMPOSITIONS,
ITLLE OF INVENTION: METHODS, AND USES THEREFOR
FILE REFERENCE: 1874/117
CURRENT APPLICATION NUMBER: US/09/311,311C
CURRENT FILING DATE: 1999-05-13
FILOR APPLICATION NUMBER: US 60/085,296
PRIOR PILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 27
SOFTWARE PASSEQ for Windows Version 4.0
LENGTH: 603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
SOFTWARE: PatentIn Release #1.0, Version #1.30
SUBJUICATION NOWBER: US/08/252,995D
FILING DATE: 02-UIN-1994
CLASSIFICATION: 536
ATORNEY/AGENT INFORMATION:
NAME: KAUCHON'K, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE CHORACTERISTICS:
SEQUENCE CHARACTERISTICS:
TENTAL OF SEC ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
Seguence 26, Application US/09311311C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 13, Application US/08252995D Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: BERESKIN & PARR
40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                             ; LOCATION: (1)...(603)
; OTHER INFORMATION: Plk protein
US-09-311-311C-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   :|:||||||
244 LLVGKPPFE 252
                                                                                                                                                                                                                                                                                                                                       ORGANISM: Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 40 King SCITY: Toronto STATE: Ontario COUNTRY: Canada ZIP: M5H 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: DOMAIN
LOCATION: (1)...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 16
US-08-252-995D-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-283-011-4
; Sequence 4, Application US/09283011
; Patent No. 2207401
; Patent No. 2207401
; GENERAL INFORMATION:
GAPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
; TILLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TILLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
; TILLE OF INVENTION: AND/OR AUR-2 RELATED DISCRDERS
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESSE: Lyon & Lyon
STREET: Saile 4700
; STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                               PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/755,728
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
ATTORNEY/ABENT INFORMATION:
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
SEQUENCE: 67-3510
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FaseSEG for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STARE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOCTWARE: PERFESS for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/012,135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 87.5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-974-655-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        323 LVGKPPFE 330
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           a
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                         IITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OMPRATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
FILING DATE: No. 5962312ember 25, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
APPLICATION NUMBER: 60/023,943
FILING DATE: December 18, 1996
ATTORNEY/AGENT INFORMATION:
NAME: WARDING, 12, 1996
ATTORNEY/AGENT INFORMATION:
TELECOMMUNICATION INWBER: 22,327
REFERENCE/DOCKET NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAM: (213) 489-1600
TELEFRAM: (213) 489-1600
TELEFRAM: (213) 955-0440
TELEFRAM: 67-3510
TELERENCE 67-3510
TELERENCE CHARACTERISTICS:
SEQUENCE C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                           NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: 190n & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: california
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 315" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 83.7
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          323 LVGKPPFE 330
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ANTI-SENSE: NO
US-08-755-728-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 19
US-08-974-655-4
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                                                                                                                                                                                                                                                                                                                    0;
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                                                                                                                                                                                                                                                                       79.6%; Score 39; DB 2; Length 264; 66.7%; Pred. No. 8.3; ive 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                79.6%; Score 39; DB 1; Length 271; 66.7%; Pred. No. 8.5; cive 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 11, Application US/08252995D
Patent No. 5650501
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
TITLE OF INVENTION:
CORRESPONDENCES: 14
CORRESPONDENCES: 14
CORRESPONDENCES: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KULVAVÝK, Linda M
REGISTRATION NUMBER: 3153-96
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-738
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:

SEQUENCE CHARACTERISTICS:
                Protein kinase; Table 8 Column 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Drosophila melanogaster
                              PUBLICATION INFORMATION:
AUTHORS:
AUTHORS: Hanks, S. K.
AUTHORS: Quinn, A. M.
AUTHORS: Hunter, T.
TITLE: The protein kinase family
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 271 amino acide
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 66.7°
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                          195 MLVGQPPFD 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         :|:|:|||
198 LLVGQPPFE 206
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Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Toronto
                                                                                                                                                                                                                                  US-07-857-224B-17
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US-08-252-995D-11
                                                                                                                               TITLE: Th
JOURNAL:
VOLUME: 2
                                                                                                                                                                                             PAGES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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Patent No. 5958784
GENERAL INFORMATION:
APPLICANT: Benner, Steven A.
TITLE OF INVENTION: Predicting Folded Structures of Proteins NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Benner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: Switzerland
ZIP: (note: this is an international post code) CH-8092
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.4 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 41; DB 3; Length 403; Pred. No. 5.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
FILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 6207401ember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23,227
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 489-1600
TELERAX: 67-3510
TELERAX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (International) 41 1 632 2830 TELEFAX: (International) 41 1 262 2437 TELEX: none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Apple MacIntosh OPERATING SYSTEM: MacIntosh 7.0 SOFTWARE: Microsoft Word CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/857,224B FILING DATE: 03/25/92 CLASSIFICATION 436 PRIOR APPLICATION DATA: none TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Steven A. Benner
Hadlaubstrasse 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: none
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                          LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
ACI POPULOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
DESCRIPTION: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          323 LVGKPPFE 330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 LLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: Hadlan
CITY: Zurich
STATE: none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ANTI-SENSE: NO
US-09-283-011-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  none
                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JS-07-857-224B-17
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77.6%; Score 38; DB 1; Length 273; 55.6%; Pred. No. 13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SIGNATE: COROLLING
CUUNTER: Canada
ZIP: MSH 3YZ
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 536
ATTONEY/AGENT INPORMATION:
NAME: KURGYGYK, Linda M
REGISTRATION NUMBER: 34,971
REPERENCE/POCKET UNBER: 34,971
RELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                              OPERATION SYSTEM:
OPERATION SYSTEM:
CURRENT APPLICATION DATA:
APPLICATION NUMBER:
ILING DATE:
FILING DATE:
CLASSIFICATION:
APTICANION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KURGAGY, Linda M
REGISTRATION NUMBER: 31,91
REPERENCE/DOCKET NUMBER: 3153-96
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEFRONE CHARACTERISTICS:
LENGTH: 273 amino acids
TYPE: amino acid
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dennis, James W
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
APPLICANT: Fode, Carol
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
APPLICANT: Hoffernan, Mike
CORRESPONDENCES: 14
ADDRESSE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4; Mismatches
                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10, Application US/08834108; Patent No. 5976893; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 273 amino acids
TYPE: amino acid
STRANDEDNESS: single
Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 77.6
Best Local Similarity 55.6
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide ORIGINAL SOURCE: ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :|:|:||:
200 LLIGRPPFD 208
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STATE: Ontario
MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-252-995D-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 25
US-08-834-108-10
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US-08-252-995D-10
; Sequence 10, Application US/08252995D
; Patent No. 5650501
; APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
; TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSES: BERESKIN & PARR
STREET: ADDRESSES:
CORRESPONDENCE ADDRESS:
ADDRESSES: ADDRESSES:
ADDRESSES: ADDRESSES: ADDRESSES:
ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADDRESSES: ADD
                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS

ADDRESSER: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: FIDPPy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                     Sequence 11, Application US/08834108
Patent No. 2976893
GENERAL INFORMATION:
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Nike
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INPORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-210
TELECHMUNICATION INFORMATION:
TELECHMONE: (416) 364-7311
TELEFRY: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER.ESTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 271 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :|:|:|||
198 LLVGQPPFE 206
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77.6%; Score 38; DB 2; Length 344; 66.7%; Pred. No. 17; Live 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                          APPLICANT: Plowman, Gregory
APPLICANT: Mossle, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: DADAON AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" Diskette, 1.44 Mb
MEDIUM TYPE: 1.5" Diskette, 1.44 Mb
MEDIUM TYPE: 1.5" DISkette, 1.4" DISKETTER: 1.5" DISKETTER
                                                                                                                                                                        ; Sequence 3, Application US/08974655
; Patent No. 5972676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEX: (713) 955-0440
TELEX: (7-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/09283011
Patent No. 6207401
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 66.73,
Best Local Similarity 66.73,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 344 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein HYPOTHETICAL: NO
                266 LLVGNPPFE 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     266 LLVGNPPFE 274
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                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                           RESULT 27
US-08-974-655-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  d
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                                                                                                                                                                                               Length 273;
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                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/08755728
Patent No. 5962312
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
ITILE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
ITILE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
CORRESPONDENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                  Score 38; DB 2
Pred. No. 13;
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
FPLICATION WHERE: US/08/755,728
FILING DATE: NO. 5962312ember 25, 1996
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFRENCE/DOCKET NUMBER: 223/TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELBEAX: (213) 22.
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
"NOTH: 344 amino acids
                                                                                                                                                                                         77.6%;
                      MOLECULE TYPE: peptide
ORIGINAL SOURCE:
CRGANISM: Homo sapiens
US-08-834-108-10
                                                                                                                                                                                                            Best Local Similarity 55.6
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 77.6
Best Local Similarity 66.7
Matches 6; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                              :|:|:||:
200 LLIGRPPFD 208
                                                                                                                                                                                                                                                                                                          1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 MLLGKPPFE 9
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 26
US-08-755-728-3
                                                                                                                                                                                  Query Match
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Gaps

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APPLICANT: Mossie, Kevin

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VESCUL 30

VERT AND SESSON

VERT APPLICANT: Heffernan, Mike

APPLICANT: Fode, Carol

TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: BERESKIN & PARR

STREET: 40 King Street West

CITY: Toronto

CITY: Toronto

CITY: Toronto

COUNTRY: Canada

ZIP: MSH 3YZ

COMPUTER: BENDABLE FORM:

MEDIUM TYPE: Plopy disk

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC COMPATA:

APPLICATION NUMBER: US/08/252,995D

FILING DATE: 02-UN-1994

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                             ZIPS 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKELEE
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,000
FILING DATE: HEREWITH
CLASSIFICATION.
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/016,000
FILING DATE: HEREWITH
CLASSIFICATION NUMBER: ATTORNAY AGENT INFORMATION:
NAMME: BILLINGS, LUCY J
NAMME: BILLING
ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: PF-0465 US TELECOMMUNICATION INFORMATION: TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 347 amino acids TYPE: amino acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 66.7°
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
| TOPOLOGY: linear
| IMMEDIATE SOURCE:
| LIBRARY: HMCINOTO1
| CLONE: 2940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             269 LLVGNPPFE 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 MLLGKPPFE 9
                                             STREET: 3174 Po:
CITY: Palo Alto
                                                                                                                                           USA
                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                g
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Pred. No. 17;
2; Mismatches 1; Indels
          TITLE OF INVENTION: DIAGNOSIS AND TERATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bandman, Olga
APPLICANT: Akerblom, Ingrid B.
APPLICANT: Akerblom, Ingrid B.
APPLICANT: Schip, Purvi
APPLICANT: Guegler, Nail C.
APPLICANT: Guegler, Karl G.
TITLE OF INVENTION: PROTEIN KINASE MOLECULES
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: BEACAGE
COMPUTER: BEACAGE
COMPUTER: BEACAGE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
FILING DATE:
CLASSIFICATION:
APPLICATION NUMBER: 09/012,135
RILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: AUGUST 22, 1996
FILING DATE: AUGUST 24, 1996
FILING DATE: AUGUST 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: AUGUST 14, 1995
ATTORNEY/AGENT INFORMATION:
AUGUST 18, 1995
ATTORNEY/AGENT INFORMATION:
AUGUST 18, 1995
                                                                                                                                                         ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: 634 West Fifth Street STREET: Suite 4700 CITY: Los Angeles STATE: California COUNTRY: U.S.A. ZIP: 90071-2066 CONFUTER READABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: Storage.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/09016000
Patent No. 5962232
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Bandam, Olga
APPLICANT: Akerblom, Ingrid E.
APPLICANT: Akerblom, Ingrid E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      77.6%;
66.7%;
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Best Local Similarity 66.7
Matches 6; Conservative
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MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :|:| ||||
266 LLVGNPPFE 274
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US-09-283-011-3
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Gaps

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77.6%; Score 38; DB 1; Length 464; 55.6%; Pred. No. 23; ive 4; Mismatches 0; Indels
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Fatent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
TILE OF INVENTION: NOVEL SERINE/THREONINE KINASE
CORRESPONDENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UW-1994
FILING DATE: 02-UW-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KLUZQYZ, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPAS: (416) 361-1398
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
                                                                              GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Dennis, James W
APPLICANT: Pede, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERRESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Ontario
COUNTRY: Canada
ZIP: MSH 312L
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                     CITY: Toronto STATE: Ontario COUNTRY: Canada ZIP: MSH 3Y2 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
                                         ; Sequence 6, Application US/08252995D
; Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 464 amino acida
amino acid
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Best Local Similarity 55.6-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
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204 LLIGRPPFD 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
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                          US-08-252-995D-6
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Pred. No. 20;
4; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: ORGANG
COUNTRY: Canada
ZIP: MSH 372
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: SO FILING AMERICAL TON NUMBER: 34,91
REFERENCE/DOCKET NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-210
TELECOMMUTCATION INFORMATION:
TELECOMMUTCATION INFORMATION:
TELECOMMUTCATION INFORMATION:
TELEFEX: (416) 364-7311
TELEFEX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 2:
SEQUIENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                         3153-96
             REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
INFORMATION FOR SEQ. ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West CITY: Tronto STATE: Ontario
                                                                                                                                                                                                                                                                                         77.6%;
Kurdydyk, Linda M
                                                                                                                                                                 : 416 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 416 amino acids
amino acid
                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 55.0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 55.6
Matches 5; Conservative
                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein US-08-834-108-2
                                                                                                                                                                                                                                                                                                                                                                                                    :|:||:||:
204 LLIGRPPFD 212
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204 LLIGRPPFD 212
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                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                             US-08-252-995D-2
                                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-834-108-2
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CURRENT APPLICATION DATA:

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77.6%; Score 38; DB 1; Length 925; 55.6%; Pred. No. 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MRSI 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BATCHING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: PatentIN Release #1.0, Version #1.30
APPLICATION NUMBER: US/08/834,108
                                                                                                                                 SOFTWARE PATENTIN STATEM SOFTWARE #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UW-1994
CLASSIFICATION: 536
ATTONENY/AGENT INPORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET UNBER: 3153-96
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3153-210
          COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KUACYGYK, Linda M
REGISTRATION NUMBER: 34,971
REFRENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEFHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 925 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                 : 925 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 55...
S; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   204 LLIGRPPFD 212
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Ontario
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                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ASOULT-647-4
; Sequence 4, Application US/09772647
; Sequence 4, Application US/09772647
; Patent No. 6521815
; GENERAL INFORMATION:
; APPLICANT: Verma, Ajit K
; APPLICANT: Seddig, Peter J
; APPLICANT: Jansen, Animal Model System for Squamous Cell Carcinoma; TITLE OF INVENTION: Animal Model System for Squamous Cell Carcinoma; FILE REFERENCE: 960296, 97613
; CURRENT APPLICATION NUMBER: US/09/772,647
; CURRENT PILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: T7 tag and OTHER INFORMATION: mouse protein kinase C epsilon coding sequence
                                                                                                                                                                                                                                                                                                                                                                                                                    .
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                                                                                                                                                                                                                                                                                                                                                                           Length 464;
                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE NUMBER OF SEQUENCES: 14
CORRESPONDERS: CARRESS: ADDRESSER: BERESKIN & PARK
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                           Score 38; DB 2;
Pred. No. 23;
4; Mismatches (
                                                                             NAME: KULGYAYK, LINDA M
REGISTRATION NUMBER: 34,971
REFERNICH/DOCKET NUMBER: 3153-210
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 6:
SEQUIENCE CHARACTERISTICS:
  APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/08252995D
Patent No. 5650501
GENERAL INFORMATION: James W
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 55.6%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                       FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                           i: 464 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 66...
6, Conservative
                                                                                                                                                                                                                                                                       TOPOLOGY: linear; MOLECULE TYPE: protein US-08-834-108-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           600 MMAGQPPFE 608
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STREET: 40...
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US-08-252-995D-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 4
LENGTH: 737
TYPE: PRT
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Gaps

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NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3, Application US/08861338 Patent No. 6174993
                                                                                                                                                                                                               SS: not relevant not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
                                                                                    TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 18
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acid
TYPE: amino acid
STRANDEDNESS: not relevan:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                     NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: not relevan
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 LGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LGRPPFE 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Lexin
STATE: Mass
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-861-338-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-861-338-3
                                                                                                                                                                                                                                                                     FEATURE:
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Patent No. 6174993

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                      Length 925;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Shiramatsu, Masaaki
APPLICANT: Shirasawa, Takuji
APPLICANT: Shirasawa, Takuji
APPLICANT: Tokumitsu, Hiroshi
APPLICANT: No. 638720uchi, Teruhisa
TITLE OP INVENTION: SERINE/THREONINE PROTEIN KINASE
TITLE OP INVENTION: 06501-045001
CURRENT APPLICATION NUMBER: US/09/428,711A
CURRENT FILING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: PCT/JP98/01246
PRIOR APPLICATION NUMBER: JP 9/124798
PRIOR APPLICATION NUMBER: JP 9/124798
PRIOR PILING DATE: 1997-04-28
NUMBER OF SEQ ID NOS: 21
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338 FILING DATE: 21-MAY-1997 CLASSIFICATION: 514
                                                                                Score 38; DB 2;
Pred. No. 47;
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                                                                                                                                                                                                                                                   RESULT 37
US-09-428-711A-21
; Sequence 21, Application US/09428711A
; Patent No. 6358720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                              77.6%;
55.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                  5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 75.0
Matches 6; Conservative
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-834-108-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: Two Militia D:
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                :|:|:|||:
204 LLIGRPPFD 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Mus musculus
                                                                              Query Match
Best Local Similarity
                                                                                                                                                        1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              208 LVGKPPPQ 215
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                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Muramat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Fast
SEQ ID NO 21
LENGTH: 1037
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                                                                                                                    Matches
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GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STREET: Massachusetts
                                                                                                  LOCATION: 7
OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                       Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338 FILING DATE: 21-MAY-1997 CLASSIFICATION: 514
LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Leucine"
                                                                                                                                                                                                                                                                                                               75.5%; Score 37; DB 3;
85.7%; Pred. No. 3e+05;
live 1; Mismatches
                                                                                                                                                                            NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: /note= "Serine-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    not relevant
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                                                                                                                                                                                                               Gapa
                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 40
US-07-857-224B-10
US-07-857-224B-10
Sequence 10, Application US/07857224B
Sequence 10, Application US/07857224B
Sequence 10, S958744
Sequence 10, S958744
Sequence 10, S958744
MEDION TOTAL THORMATION: Predicting Folded Structures of Proteins NUMBER OF EQUENCES: 114
CORRESSEE: Reven A. Benner
STREET: Hadiaubstrasse 151
CITY: Zurich none
COUNTRY: Sarich and international post code) CH-8092
CONFUTES: None: PREMAINE FORM:
MEDIUM TYPE: 3,5 inch diskette, 1.4 Mb storage
COMPUTES: Apple MacIntosh 7.0
SOTWARE: Microsoft Word
COMPUTES: Apple MacIntosh 7.0
SOTWARE: Microsoft Word
CURRATY APPLICATION NUMBER: US/07/857,224B
FILING DAFE: 03/25/92
CLASSIPICATION NUMBER: US/07/857,224B
FILING DAFE: 03/25/92
TELEFAX: (International) 41 1 562 2830
TELEFAX: none
TELEFAX: none
SEQUENCE CHRACTERISTICS: 1.
LENGTH: 264
TYPES: samino acid
TYPES: samin
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                                                                                                                                       Query Match

75.5%; Score 37; DB 3; Length 20;
Best Local Similarity 66.7%; Pred. No. 1.4;
Matches 6; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Conservative
, MOLECULE TYPE: peptide
US-08-861-338-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                           3 MLAGOPPFD 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                                                                                      1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JS-07-857-224B-10
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|| |:|||: 195 MLAGQPPFD 203

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Search completed: June 9, 2004, 11:03:06 Job time: 12.3261 secs

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9, 2004, 11:00:56; Search time 36.1957 Seconds (without alignments) 69.954 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1155919 seqs, 281338677 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Published_Applications_AA:*
                                                                                                                                                                                                              OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0 Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-736-076-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MLLGKPPFE 9
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                                                                                                                                                                                                                                                                                                                                 June
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                                                                                                                                                           Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 17, Appl	Sequence 15, Appl	57,	19, 4				Sequence 250, App		Ø	69	101	101	Sequence 101. App	3124,
SUMMARIES	ID	US-09-736-076-17	US-09-736-076-15	US-09-736-076-57	US-09-736-076-19	US-10-026-021-5	US-10-059-585-14	US-09-771-161A-249	US-09-771-161A-250	US-09-771-161A-251	US-09-769-970-1	US-10-260-708-69	US-10-024-298A-101	US-10-042-211A-101	US-10-617-217A-101	US-10-264-049-3124
	DB	6	9	σ	σ	14	14	σ	σ	σ	10	12	14	14	16	15
	Query Match Length DB	6	Q,	10	11	400	469	685	685	685	685	685	685	685	685	753
de	Query	100.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	Score	49	46	46	46	46	46	46	46	46	46	46	46	46	46	46
	Result No.	1	2	m	4	2	9	7	80	6	10	11	12	13	14	15

Seguence 16. Appl		12	Sequence 6, Appli	Sequence 123, App	Sequence 7571, Ap	Sequence 214, App	Sequence 2, Appli	186,	Sequence 110, App	2279		32,	505	51,	Ņ	4	í.	4	4	4	50,	14,		48,		20	12	7,	Sequence 33, Appl
US-09-736-076-16	US-09-736-076-6	US-09-925-300-1268	US-10-026-021-6	US-09-771-161A-123	US-10-032-585-7571	US-09-771-161A-214	US-10-406-901-2	US-10-171-311-186	US-10-188-832-110	US-10-408-765A-2279	US-10-425-114-37525	US-09-898-837A-32	US-10-369-493-5056	US-10-087-684-51	US-10-218-779-51	US-09-012-135A-4	H	US-10-087-684-47	US-10-087-684-48	10-087-	US-10-087-684-50	-10	US-10-218-779-47	US-10-218-779-48	US-10-218-779-49	US-10-218-779-50	-10-	US-10-026-021-7	US-10-059-585-33
σ	σ	σ	14	σ	14	6	12	14	16	16	12	10	15	12	12	σ	12	12	12	12	12	12	12	12	12	12	12	14	14
8	20	329	367	516	528	603	603	603	603	603	629	256	329	402	402	403	403	403	403	403	403	403	403	403	403	403	403	403	403
83.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
44	43	43	43	43	43	43	43	43	43	43	43	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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RESULT 1
US-09-736-076-17
Sequence 17, Application US/09736076
Sequence 17, Application US/09736076
Sequence 17, Application US/09736076
Sequence 17, Application US/09736076
Sequence 17, Application US/09301A1
Sequence 17, Application US/09201A1
SERINEAL INFORMATION:
SHORE THE PERENCE: 1242-1015-009
CURRENT FILING DATE: 1242-1015-009
CURRENT FILING DATE: 1997-05-21
PRIOR FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
LENGTH: 9
TYPE: PAT
OCAPHON: Artificial Sequence
FEATURE:
NAMEKEY: ACETYLATION
COTHER INFORMATION: position 9 is benzylester
NAMEKEY: AMIDATION
COTHER INFORMATION: J43.1
US-09-736-076-17
US-09-736-076-17
Watches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0;
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RESULT 2

1 MLLGKPPFE

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COCATION: (0)...(11)
CTHER INFORMATION: J46
US-09-736-076-19
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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1 MLLGRPPFE
US-09-736-076-19
                                                                                                                                                                                                                                                                                            SEQ ID NO 19
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| Sequence 57, Application US/09736076
| Patent No. US20020049301A1
| GENERAL INFORMATION:
| APPLICANT: Ben-Sasson Shmuel A. APPLICANT: Ben-Sasson Shmuel A. TITLE OF INVENTION: SHRRT PEPTIDES WHICH SELECTIVELY
| TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES | FILE REFERENCE: 1242.1015-009
| CURRENT APPLICATION NUMBER: US 09/736,076
| CURRENT FILING DATE: 1997-05-21
| PRIOR FILING DATE: 1997-05-21
| MUMBER OF SEQ ID NOS: 68
| SOFTWARE: FABELSEQ for Windows Version 4.0
                                                    APPLICANT: Ben-Sasson Shmuel A.

APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILE REPERENCE: 1242-1015-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOSTWARE: FastSEQ for Windows Version 4.0
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88.9%; Pred. No. 0.13;
iive 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 9;
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88.9%; Pred. No. 1e+06;
Live 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: (1)...(0)
OTHER INFORMATION: position 10 is benzylester NAME/KEY: AMIDATION
LOCATION: (0)...(10)
OTHER INFORMATION: SNK
                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester NAME/KEY: AMIDATION
Sequence 15, Application US/09736076 Patent No. US20020049301A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Best Local Similarity 88.5
Local 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (0)...(9)
OTHER INFORMATION: J42
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                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: ACETYLATION
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Best Local Similarity
Matches 8; Conserv
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NAME/KEY: MYRISTATE
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US-09-736-076-57
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                                                                                                                                                                                                                                                                            SEQ ID NO 15
LENGTH: 9
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Bublication No. US20030027756A1

GENERAL INFORMATION:
APPLICANT: Hitcoshi, Yasumichi
APPLICANT: Demo, Susan
I APPLICANT: Demo, Susan
TITLE OF INVENTION: Treatment of Cancer
ITITLE OF INVENTION NUMBER: US/10/026,021
CURRENT APPLICATION NUMBER: US 60/309,632
PRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATCHIN Ver. 2.1
LENGTH: 400

LENGTH: 400
Sequence 19, Application US/09736076

Sequence 19, Application US/09736076

Patent No. US20020049301A1

GENERAL INFORMATION:
APPLICANT:
APPLICANT:
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR PEPLICATION NUMBER: US 08/861,338
PRIOR FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68

SOSTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.9%; Score 46; DB 9; Length 11; 88.9%; Pred. No. 0.14;
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1.0CATION: (1)...(400)
2. OTHER INFORMATION: human SNK mitotic kinase kinase domain (15-10-026-021-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8; Conservative
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273 MLLGRPPFE 281
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 9; Length 685;
                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                               US-01-10-161A-250
Sequence 250, Application US/09771161A
Sequence 250, Application US/09771161A
Sequence 250, Application US/09771161A
Seberat No. US20020110811A1
GENERAL INFORMATION:
TITLE OF INFORMATION: VARIANTS OF PROTEIN KINASES
FILE PREFERENCE: 802620-2005.1
CURRENT FILING DATE: 2001-01-26
FRIOR APPLICATION NUMBER: 09/724,676
FRIOR PELING DATE: 2000-11-28
FRIOR FILING DATE: 2000-06-15
FRIOR APPLICATION NUMBER: 136776
FRIOR PELING DATE: 2000-06-15
FRIOR FILING DATE: 2000-06-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 251, Application US/09771161A
Patent No. US20020110811A1
GENERAL INFORMATION:
PAPELICART: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT PILING DATE: 2000-10-26
PRIOR PILING DATE: 2000-10-26
PRIOR FILING DATE: 2000-10-26
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PALENTIN DATE: 2000-04-12
SOFTWARE: PALENTIN DATE: 2000-04-12
SOFTWARE: PALENTIN DATE: 2000-04-12
                                                                                                                                                   Score 46; DB 9
Pred. No. 9.1;
1; Mismatches
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Pred. No. 9.1;
                                                                                                                                                93.9%;
88.9%;
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88.9%;
                                                                                                                                        Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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Matches 8; Conservative
                                                                                                                                                                                                                                                                                                             273 MLLGRPPFE 281
; LENGTH: 685
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-249
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273 MLLGRPPFE 281
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                      1 MLLGKPPFE 9
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US-09-771-161A-251
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Best Local Similarity
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US-09-771-161A-251
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LENGTH: 685
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88.9%; Pred. No. 6.2;
tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wakamatsu, Animayasu, APPLICANT: Wakamatsu, Ali
APPLICANT: Nagai, Kelichi
APPLICANT: Cotsuki, Teresuji
APPLICANT: Funahashi, Shin-Ichi
APPLICANT: Funahashi, Shin-Ichi
APPLICANT: Funahashi, Shin-Ichi
APPLICANT: Nezu, Jun-Ichi
APPLICANT: NOCL GENES ENCODING PROTEIN
TITLE OF INVENTION: NOVE GENES ENCODING PROTEIN
CURRENT FILING DATE: 2002-01-29
PRIOR PILING DATE: 2000-02-17
PRIOR PILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FASTSEQ FOR Windows Version 4.0
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APPLICANT: LEVINE, et al.

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES

FILE REPERENCE: 80.56.20.2005.1

CURRENT APPLICATION NUMBER: US/09/771,161A

CURRENT FILING DATE: 2001-01-26

PRIOR FILING DATE: 2000-01-28

PRIOR FILING DATE: 2000-01-128

PRIOR FILING DATE: 2000-06-15

PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SOFTWARE PALENTIN VARIEN: 135619

FRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SOFTWARE PALENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 249, Application US/09771161A
Patent No. US20020110811A1
                                                                  Sequence 14, Application US/10059585
Publication No. US20030082776A1
GENERAL INFORMATION:
APPLICANT: Ota, Toshio
                                                                                                                                                                                Isogai, Takao
Nishikawa, Tetsuo
Hayashi, Koji
Otsuka, Kaoru
                                                                                                                                                                                                                                                                                              Yamamoto, Jun-ichi
Ishii, Shizuko
Sugiyama, Tomoyasu
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Best Local Similarity 88.9
Matches 8; Conservative
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US-10-059-585-14
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57 MLLGRPPFE 65
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                                     JS-10-059-585-14
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Pred. No. 9.1;
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               GENERAL INFORMATION:
APPLICANT: Scanlan, Matthew
APPLICANT: Lee, Sang-Yull
APPLICANT: Old, Lloyd
TITLE OF INVENTION: Human Sarcoma-Associated Antigens
FILE REFERENCE: L00461/70138
CURRENT APPLICATION NUMBER: US/10/260,708
CURRENT FILING DATE: 2002-09-30
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 101, Application US/10024298A
Sequence 101, Application US/10024298A
publication No. US20030143540A1
GENERAL INPORMATION:
APPLICANT: AASAHI KASEI KABUSHIKI KAISHA
APPLICANT: Goichi HONDA
APPLICANT: Shuji MURAMATSUDA
TITLE OF INVENTION: WF. K B Activating Gene
FILE REFERENCE: 1254-0191P
CURRENT APPLICATION NUMBER: US/10/024,296A
CURRENT APPLICATION NUMBER: US/10/024,296A
CURRENT APPLICATION NUMBER: G0/314,385
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR PLING DATE: 2000-03-26
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Pred. No. 9.1;
1; Mismatches
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88.9%;
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88.9%;
Publication No. US20040063101A1
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 101
LENGTH: 685
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Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity 88.>
--ac 8; Conservative
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US-10-024-298A-101
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US-10-260-708-69
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US-10-024-298A-101
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LENGTH: 685
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Pred. No. 9.1;
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           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPOTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASLESTO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/769,970
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION WUMBER: 09/272,796
FILING DATE: «Unknown»

ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPHONE: 415-845-1166
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           1; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                         RESULT 10
US-0769-760-1
) Sequence 1, Application US/09769970
) Publication No. US20030170219A1
) GENERAL INPORMATION:
APPLICANT: Bandman, Olga
Hillman, Jennifer L.
Corley, Neil C.
Guegler, Karl G.
Lal, Preeti
Goli, Surya K.
Shah, Purvi K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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TOPOLOGY: linear
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Best Local Similarity 88.9
Matches 8; Conservative
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             8; Conservative
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                                                         1 MLLGKPPFE 9
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                  Matches
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; Sequence 101, Application US/10042211A; Publication No. US20030170719A1

RESULT 11 US-10-260-708-69 ; Sequence 69, Application US/10260708

273 MLLGRPPFE 281

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RESULT 13 US-10-042-211A-101

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; OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids US-10-264-049-3124
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i Sequence 16, Application US/09736076

i Patent No. US202020049301A1

i GENERAL INFORMATION:

i APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODILATE THE ACTIVITY OF SERINE/THREONINE KINASES

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 200-12-13

PRIOR PILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: FastSEQ for Windows Version 4.0

EMERIT: 8

LENGTH: 8
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                                                                                                                          JOURNAL INFOURTAINS

APPLICANT: Birse et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFREENCE: PA137P1

CURRENT APPLICATION NUMBER: US/10/264,049

CURRENT FILING DATE: 2002-10-04

PRIOR APPLICATION NUMBER: PCT/US01/18569

PRIOR APPLICATION NUMBER: US 60/209,467

PRIOR APPLICATION NUMBER: US 60/209,467

PRIOR PILING DATE: 2000-06-07

NUMBER OF SEQ ID NOS: 4360

SOFTWARE: PATENTIN Ver. 3.1

LENGTH: 753

WATHER TO 3124
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Pred. No. 10;
1; Mismatches 0; Indels
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                                                               Sequence 3124, Application US/10264049
Publication No. US20040005579A1
GENERAL INFORMATION:
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88.9%;
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ORGANISM: Artificial Sequence
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Best Local Similarity 88.9
Thes 8; Conservative
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Best Local Similarity 100...
8; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MISC_FEATURE LOCATION: (33)
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NAME/KEY: AMIDATION
LOCATION: (0)...(8)
OTHER INFORMATION: J43
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          RESULT 15
US-10-264-049-3124
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Pred. No. 9.1;
1; Mismatches
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GENERAL INCORMATION:
GENERAL INCORMATION:
APPLICANT:
ATTLE OF INVENTION: NF-KB ACTIVATING GENE
FILE REFERENCE: 1254-0229
FURENT FILING DATE: 2003-07-11
PRIOR APPLICATION NUMBER: US 2000-402288
FRICH FILING DATE: 2000-12-28
PRIOR FILING DATE: 2001-028912
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 224
SOUTHARE: PATCHTION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 224
LENGTHER EDEBLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 224
LENGTHER EDEBLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 224
LENGTHER EDEBLICATION NUMBER: US 60/314,385
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 224
LENGTHER EDEBLICATION NUMBER: US 60/314,385
                                                                                                           CURRENT FILLING DAILS . 2002-011-11
PRIOR PEDICATION NUMBER: JP 2000-402288
PRIOR PEDICATION NUMBER: JP 2000-402288
PRIOR FILLING DATE: 2000-13-26
PRIOR PLILING DATE: 2001-03-26
PRIOR PEDICATION NUMBER: JP 2001-254018
PRIOR PELING DATE: 2001-08-24
PRIOR PELING DATE: 2001-08-24
PRIOR PELING DATE: 2001-08-24
PRIOR PELING DATE: 2001-03-26
PRIOR PELING DATE: 2001-08-24
NUMBER: PETENT PATENT NUMBER: US 60/314,385
PRIOR PELING DATE: 2001-08-24
NUMBER: PATENT NUMBER: US 60/314,385
PRIOR PELING DATE: 2001-08-24
SEQ ID NO 101
LENGTH: 685
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APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFKB Activating Gene
FILE REFERENCE: 1254-0192P
CURRENT APPLICATION UMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
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88.9%;
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88.9%;
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Best Local Similarity 88.5.
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 8; Conserv
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RESULT 17

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260 LLVGKPPFE 268
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Best Local Similarity
7; Conserve
                                                                                                                                                                                                                                                                                                       1 MLLGKPPFE 9
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                                                      NAME/KEY: SITE
LOCATION: (328)
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               LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                               APPLICANT: AND SERVING SHOWLD A. TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES FILE REPERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 1000-12-13
PRIOR APPLICATION NUMBER: US/08/661,338
PRIOR FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 1990-03-08
PRIOR FILING DATE: 1990-03-12
PRIOR FILING DATE: 1990-03-12
PRIOR FILING APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1990-03-12
SOFTWARE: PLENGTH: 1999-03-12
SOFTWARE: PLENGTH: 1329
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 43;
Pred. No.
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Sequence 6, Application US/09736076
Patent No. US20020049301A1
                                                                                                                                                                                                                                                                                                                                                                                                                                           87.8%;
77.8%;
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Best Local Similarity 77.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                          , OTHER INFORMATION: POLO US-09-736-076-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Craig Rosen, APPLICANT: Steve Ruben
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MLLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                     ORGANISM: Unknown
                                             GENERAL INFORMATION:
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NAME/KEY: SITE
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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-300-1268
                                                                                                                                  LOCATION: (328)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                       OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Demo, Sugan
APPLICANT: Demo, Sugan
APPLICANT: Demo, Yonchu
APPLICANT: Benkins, Yonchu
TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for
TITLE OF INVENTION: Treatment of Cancer
FILE REPERENCE: 021044-001210US
CURRENT APPLICATION NUMBER: US/10/026,021
CURRENT APPLICATION NUMBER: US 60/309,632
PRIOR PFLIANG DATE: 2001-06-25
PRIOR PFLIANG DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 367
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Pred. No. 17;
2; Mismatches 0; Indels
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Pred. No. 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: (1)...(367)
OTHER INFORMATION: human PLK1 mitotic kinase kinase domain
                                                                                                                                                                                                                                                                                                                                                   0; Indels
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                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
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Sequence 123, Application US/09771161A

Perent No. US20020110811A1

GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/10026021
Publication No. US20030027756A1
GENERAL INFORMATION:
APPLICANT: Hitoshi, Yasumichi
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Best Local Similarity 77،0۰
نام 7; Conservative
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Indels

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APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga;
Holtrich, Uwe
TITLE OF INVENTION: CLONING OF A MEMBER OF THE SERINE-
THREONINE-KINASE FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/634,443
FILING DATE: 08-Aug-2000
APPLICATION NUMBER: US/08/601,014
FILING DATE: 23-FEB-1996
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-Aug-1994
APPLICATION NUMBER: DE 4329177
FILING DATE: 30-Aug-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: Bayer 9516-KGB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB storage
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: SPRUNG HORN KRAMER & WOODS
STREET: 660 White Plains Road
         77.8%; Pred. No. 27; tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: NEC Powermate SX-20
OPERATING SYSTEM: DOS
SOFTWARE: WORDPETFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/406,901
FILING DATE: 03.Apr-2003
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
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MOLECULE TYPE: Protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
TELEX: «UNKNOWN»
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 603 amino acids
TYPE: amino acids
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                                                                                                                                                                                                                           Sequence 2, Application US/10406901
Publication No. US20040033578A1
GENERAL INFORMATION:
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COMPUTER READABLE FORM:
         Best Local Similarity 77.8
Matches 7; Conservative
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Best Local Similarity 77.8
Matches 7; Conservative
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244 LLVGKPPFE 252
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244 LLVGKPPFE 252
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US-10-406-901-2
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Sequence 7571, Application US/10032585

Publication No. US20030180953A1

GENERAL INFORMATION:

APPLICANT: Terry, Roemer D.

APPLICANT: Bo, Jiang

APPLICANT: Bo, Jiang

APPLICANT: Howard, Bussey

TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery

FILE FEFERRENCE: 10182-005-999

CURRENT APPLICATION NUMBER: 105/10/032,585

CURRENT FILING DATE: 2001-12-20

NUMBER OF SEQ ID NOS: 8000

SOUTHER EACH APPLICATION VERSION 3.1
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                                                                                                                                                                                               87.8%; Score 43; DB 9; Length 516; 77.8%; Pred. No. 23; vative 2; Mismatches 0; Indels
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TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-06-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 214, Application US/09771161A Patent No. US20020110811A1 GENERAL INFORMATION:
                  NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
SEQ ID NO 123
LENGTH: 516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin version 3.0 SEQ ID NO 214 LENGTH: 603
PRIOR FILING DATE: 2000-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 77.8:
                                                                                                                                                                                                                                           Conservative
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157 LLVGKPPFE 165
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454 LLVGKPPFE 462
                                                                                                     TYPE: PRT; ORGANISM: Homo sapiens
US-09-771-161A-123
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US-09-771-161A-214
                                                                                                                                                                                                                                                                                   1 MLLGKPPFE 9
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Best Local Similarity
Matches 7; Conserv
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LENGTH: 528
TYPE: PRT
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87.8%; Score 43; DB 12; Length 603; 77.8%; Pred. No. 27;
                                 Indels
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US-10-171-311-186
; Sequence 186, Application US/10171311
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Gaps

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Sequence 37525, Application US/10425114

Sequence 37525, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Acoulic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Applicant: Tabaska, Jack E
APPLICANT: Acoulic, David K.
APPLICANT: Pabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Plante and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (5313) B
CURRENT FILING DATE: 2003-04-28

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 37525

LENTH: 629
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zhang, Bing
APPLICANT: Zhang, Bing
APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Warnock, Dale B.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088-465
CURRENT FILING DATE: 2003-04-04
CURRENT FILING DATE: 2003-04-04
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
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87.8%; Score 43; DB 16; Length 603;
Best Local Similarity 77.8%; Pred. No. 27;
Matches 7; Conservative 2; Mismatches 0; Indels
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Indels
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US-10-425-114-37525
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0
       Migmatches
                                                                                                                                                                                                                                                                                                 Sequence 2279, Application US/10408765A Publication No. US20040101874A1 GENERAL INFORMATION:
APPLICANT: Ghosh, Soumitra S. APPLICANT: Fahy, Boin D.
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Best Local Similarity 77.8
Matches 7; Conservative
          7; Conservative
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270 LLVGKPPFE 278
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244 LLVGKPPFE 252
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ORGANISM: Homo sapiens
                                                                                                                :|:||||||
244 LLVGKPPFE 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , ORGANISM: Homo sapiens
US-10-408-765A-2279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MLLGKPPFE 9
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                                                                      1 MLLGKPPFE
                                                                                                                                                                                                                                                                                   US-10-408-765A-2279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
              Matches
                                                                                                                                                                                                                                                   RESULT 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        à
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Sequence 110, Application US/10188832

Publication No. US20040076955A1

GENERAL INFORMATION:

APPLICANT: Mark, David H.

APPLICANT: Bos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Bladder

TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder

TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder

TITLE OF INVENTION: USCACE

FILE REPRENENT ON:

PRIOR PELICATION NUMBER: US 60/310,099

PRIOR PILING DATE: 2001-01-03

PRIOR FILING DATE: 2001-11-08

PRIOR PILING DATE: 2001-11-08

PRIOR PILING DATE: 2001-11-13

PRIOR PILING DATE: 2001-11-13

PRIOR PILING DATE: 2002-04-12

SOFTWARE PLANCE DATE: 2001-01-04

SOFTWARE PLANCE DATE: 2002-04-12
                                                                                                                                                                                                                                                   APPLICANT: Glatt, Karen
APPLICANT: Gannavarapu, Manjula
APPLICANT: Gannavarapu, Manjula
APPLICANT: Gannavarapu, Manjula
APPLICANT: Gannavarapu, Manjula
APPLICANT: Hoersh, Sebastian
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: DENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
TITLE OF INVENTION: OF CERVICAL CANCER
TITLE REPERENCE: MRI-035
CURRENT APPLICATION NUMBER: US 60/298,159
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR APPLICATION NUMBER: US 60/298,156
PRIOR APPLICATION NUMBER: US 60/335,936
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       87.8%; Score 43; DB 14; Length 603; 77.8%; Pred. No. 27; tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               87.8%;
                                                                                                                        Chen, Yan

: Zhao, Xumei

: Monahan, John

: Kamatkar, Shubhangi
                        No. US20030087270A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 77.88
Matches 7; Conservative
                                                    GENERAL INFORMATION:
APPLICANT: Schlegel, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGKPPFE 9
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Best Local Similarity
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US-10-188-832-110
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APPLICANT:
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APPLICANT:
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83.7%; Score 41; DB 15; Length 329; 87.5%; Pred. No. 33;
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CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-1
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 5056
LENGTH: 329
                                                                                                                                                                                                  TYPE: PRT; ORGANISM: Caenorhabditis elegans US-10-369-493-5056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Vernet, Corine A.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Zerhusen, Bryan D.
Malyankar, Uriel M.
Guo, Xiaojia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Miller, Charles E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Lepley, Denise M.
Rieger, Daniel K.
                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 87.5
Matches 7; Conservative
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244 LVGKPPFE 251
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CRGANISM: Homo sapiens
US-10-087-684-51
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US-10-087-684-51
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APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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Publication No. US2003023367541
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Go., Yongwei
APPLICANT: Binkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF FILE REPERENCE: 38-10 (52052) B.
CURRENT APPLICATION NUMBER: US/10/369,493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Fernandes, Elma
APPLICANT: Taupier Jr., Raymond
APPLICANT: Rastelli, Luca
APPLICANT: Curaden Corporation
APPLICANT: Curaden Corporation
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John R
TITLE OF INVENTION: NOVEL SERINE/THREONINE PROTEIN-KINASE LIKE PROTEINS AND
FILLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
FILE REPERENCE: 15966-598 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CURRENT APPLICATION NUMBER: US/09/898,837A | CURRENT APPLICATION NUMBER: US/09/898,837A | CURRENT FILING DATE: 2001-07-03 | PRIOR APPLICATION NUMBER: US.S.N. 60/165,986 | PRIOR FILING DATE: 1999-11-17 | PRIOR PILING DATE: 2000-04-05 | PRIOR PELICATION NUMBER: U.S.S.N. 60/195,637 | PRIOR PILING DATE: 2000-04-07 | PRIOR PILING DATE: 2000-04-07 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/197,080 | PRIOR FILING DATE: 2000-04-13 | PRIOR PILING DATE: 2000-09-15 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/181,347 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/181,347 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/181,347 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/194,195 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/15,427 | PRIOR APPLICATION NUMBER: U.S.S.N. 60/115,427 | PRI
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                                                                                                                     Sequence 32, Application US/09898837A Publication No. US20030077697A1 GENERAL INFORMATION: APPLICANT: Quinn, Kerry B. APPLICANT: Spytek, Kimberly A. APPLICANT: Spytek, Kimberly A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                       Vernet, Corine
Herrmann, John L.
Burgess, Catherine
                                                                                                                                                                                                                                                                                                   Majumder, Kumud
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6; Conservative
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193 LLIGKPPFQ 201
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Matches 6; Conserv
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APPLICANT: GAUGALES E.
APPLICANT: GAUGALIES, CHAILES E.
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REPERRENCE: 21402-214 CIP
CURRENT APPLICATION NUMBER: 60/253,834
FRIOR PELLING DATE: 2000-11-29
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2000-11-30
PRIOR PLING DATE: 2000-11-30
PRIOR PLING DATE: 2001-025
PRIOR PLING DATE: 2010-03-08
PRIOR PLING DATE: 2001-03-08
PRIOR PLING DATE: 2001-05
SOFTWARE OF SEQ ID NOS: 220
SOFTWARE: CURASGELIST VEISION 0.1
Sequence 51, Application US/10087684 Publication No. US20040029116A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                 Burgess, Cathereine E.
Casman, Stacie, J.
Spytek, Kimberly A.
Boldog, Ferenc L.
Li, Li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Padigaru, Muralidhara
Mishra, Vishnu
Shenoy, Suresh G.
                                                                                    APPLICANT: Edinger, Shlomit R. APPLICANT: MacDougall, John R. APPLICANT: Millet, Isabelle APPLICANT: Ellerman, Karen APPLICANT: Stone, David J. APPLICANT: Grose, William M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Rastelli, Luca
Tchernev, Velizar T
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DB 12; Length 402;

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Score 41; DB 9; Length 403;
Pred. No. 41;
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APPLICATION NUMBER: 08/755,728
FILING DATE: US20020081578Alember 25, 1996
FILING DATE: No. US20020081578Alember 25, 1996
FILING DATE: No. US20020081578Alember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: Aquast 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 231/282
REGISTRATION NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEFAK: (213) 489-1600
TELEFAK: (213) 955-0440
TELEFAK: (213) 955-0440
TELEFAK: (213) 955-0440
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. 41;
1; Mismatches
                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IEM COMPATIBLE
OPERATING SYSTEM: IEM P.C. DOS 5.0
SOFTWARE FRACESQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION: 435
FILING DATE: January 22, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005,268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 33
US-10-087-684-14
US-10-087-684-14
Sequence 14, Application US/10087684
Publication No. US20040029116A1
GENERAL INFORMATION:
APPLICANT: Edinger, Shlomit R.
APPLICANT: MacDougall, John R.
APPLICANT: Mallet, Isabelle
APPLICANT: Stone, David J.
APPLICANT: Stone, David J.
                                                                                                                                                                            ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        83.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                403 amino acids
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Best Local Similarity 8/...
7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              323 LVGKPPFE 330
                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 LLGKPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: sin
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Zerhusen, Bryan
APPLICANT: Malyankar, Uriel
APPLICANT: Malyankar, Uriel
APPLICANT: Guo, Xiaojia
APPLICANT: Miller, Charles
APPLICANT: Gangolli, Esha
TITLE OF INVENTION: Froteins and Nucleic Acids Encoding Same
FILE REPERENCE: 21402-214
CURRENT FILING DATE: 2002-08-14
                                    0; Indels
                87.5%; Pred. No. 41; tive 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: 60/253,834
PRIOR FILING DATE: 2000-11-29
PRIOR PELING DATE: 2000-11-29
PRIOR PELING DATE: 2000-11-30
PRIOR PELING DATE: 2000-11-30
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2001-01-25
PRIOR PELING DATE: 2001-08-20
PRIOR PELING DATE: 2011-01-25
PRIOR PELING DATE: 2011-06-20
PRIOR PELING DATE: 2011-06-20
PRIOR PELING DATE: 2011-06-3
NUMBER OF SEQ ID NOS: 216
SOFTWARE: PALENTIN VEVE: 2.1
SEQ ID NO 51
LENGTH: 402
TYPE: PRI
                                                                                                                                                                                                         Sequence 51, Application US/10218779
Publication No. US20040029222A1
GENERAL INFORMATION:
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Mishra, Vishnu
Patturajan, Meera
Shenoy, Suresh
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Lepley, Denise
Rieger, Daniel
Burgess, Catherine
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Rastelli, Luca
Tchernev, Velizar
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Stone, David
Gerlach, Valerie
Grosse, William
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Casman, Stacie
Spytek, Kimberly
Boldog, Ferenc
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APPLICANT: MacDougall, John
APPLICANT: Millet, Isabelle
                  Best Local Similarity 87.5
Matches 7; Conservative
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US-10-218-779-51
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322 LVGKPPFE 329
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US-09-012-135A-4
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US-10-218-779-51
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APPLICANT:
APPLICANT:
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APPLICANT: SCHILLISCH, DIVALL D.
APPLICANT: APPLICANT: ALL D.
APPLICANT: Guo, Xiacjia APPLICANT: Guo, Xiacjia APPLICANT: Guo, Xiacjia APPLICANT: Guo, Xiacjia B.
APPLICANT: Gangolli, Esha A.
TILLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME TIER REFERENCE: 21402-214 CIP
CURRENT APPLICATION WUMBER: US/10/087,684
CURRENT APPLICATION NUMBER: 60/253,834
PRIOR PLING DATE: 2000-11-29
PRIOR PLING DATE: 2000-11-30
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR APPLICATION NUMBER: 60/244,194
PRIOR PLING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR PLING DATE: 2001-03-08
PRIOR PLING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR APPLICATION NUMBER: 60/327,456
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SOFTWARE: CuraSeqList version 0.1
                        Velizar T
                          Tchernev, Velizar I
Vernet, Corine A.M.
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Malyankar, Uriel M
Guo, Xiaojia
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                                                                 Zerhusen, Bryan D.
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Best Local Similarity 87.5
Matches 7; Conservative
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SEQ ID NO 47
LENGTH: 403
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APPLICANT: Gangolli, Esha A.
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 2140-214 CIP
CURRENT APPLICATION NUMBER: US/10/087,684

CURRENT FILING DATE: 2003-03-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/251,09 PRIOR FILING DATE: 2005-10-29 PRIOR FILING DATE: 2000-11-29 PRIOR FILING DATE: 2000-11-29 PRIOR PELING DATE: 2000-11-30 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2001-03-08 PRIOR FILING DATE: 2001-03-08 PRIOR PRIOR PAPLICATION NUMBER: 60/313,656 PRIOR PRIOR DATE: 2001-08-20 PRIOR PRIOR DATE: 2001-08-20 PRIOR FILING DATE: 2001-05-05 PRIOR FILING DATE: 2001-05 SOFTWARE: CuraseqList version 0.1 SEQ ID NO 14 LENGTH: 403
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lepley, Denise M.
Rieger, Daniel K.
Burges, Cathereine B.
Casman, Stacie, J.
Spytek, Kimberly A.
Boldog, Ferenc L.
                                                             Burgess, Cathereine E.
                                                                                                                                        Li, Li
Padigaru, Muralidhara
Mishra, Vishnu
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Padigaru, Muralidhara
Mishra, Vishnu
Shenoy, Suresh G.
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Rastelli, Luca
Tchernev, Velizar T.
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Millet, Isabelle
Bilerman, Karen
Stone, David J.
Grosse, William M.
                                                                               Casman, Stacie, J.
Spytek, Kimberly A.
Boldog, Ferenc L.
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Malyankar, Uriel M
Guo, Xiaojia
William M.
                 Lepley, Denise M.
Rieger, Daniel K.
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ORGANISM: Homo sapiens
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US-10-087-684-47
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APPLICANT:
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APPLICANT:
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Gaps
83.7%; Score 41; DB 12; Length 403; 87.5%; Pred. No. 41;
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APPLICANT: Gangolli, Esha A.
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-214 CIP
                                         Indels
                                       1; Mismatches
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                                                                                                                                                                                              US-10-087-684-48
; Sequence 48, Application US/10087684
; Publication No. US20040029116A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                             MacDougall, John R.
Millet, Isabelle
Ellerman, Karen
Stone, David J.
Grosse, William M.
Lepley, Denise M.
Rieger, Daniel K.
Burgess, Cathereine E.
Casman, Stacie, J.
Spytek, Kimberly A.
Boldeg, Ferenc L.
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Mishra, Vishnu
Shenoy, Suresh G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Shenoy, Suresh G.
Rastelli, Luca
Tchernev, Velizar T.
Vernet, Corine A.M.
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Gaps

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83.7%; Score 41; DB 12; Length 403;
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Pred. No. 41;
1; Mismatches 0; Indels
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APPLICANT: Malyankar, Uriel M.
APPLICANT: Guo, Xiaojia
APPLICANT: Miller B.
APPLICANT: Miller B.
APPLICANT: Gangolli, Esha A.
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 21402-214 CIP
CURRENT APPLICATION NUMBER: US/10/087,684
CURRENT FILING DATE: 2003-03-10
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PRIOR FILING DATE: 2000-11-29
PRIOR PILING DATE: 2000-11-29
PRIOR PILING DATE: 2000-11-30
PRIOR PLING DATE: 2000-11-30
PRIOR PLING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/274, 180
PRIOR APPLICATION NUMBER: 60/274, 194
PRIOR PILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR PILING DATE: 2001-03-08
PRIOR PILING DATE: 2001-05-20
PRIOR APPLICATION NUMBER: 60/313, 656
PRIOR APPLICATION NUMBER: 60/313, 656
PRIOR SEQ ID NOS: 220
NUMBER OF SEQ ID NOS: 220
PRIOR APPLICATION NUMBER: 60/327,456
PRIOR FILING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 220
SOFTWARE: CUraSeqList version 0.1
SEQ ID NO 49
LENGTH: 403
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Lepley, Denise M.
Rieger, Daniel K.
Burgess, Cathereine E.
Casman, Stacie, J.
Spytek, Kimberly A.
Boldog, Ferenc L.
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Mishra, Vishnu
Shenoy, Suresh G.
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Tchernev, Velizar T
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87.5%;
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Best Local Similarity 87.5
Matches 7; Conservative
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; LENGTH: 403
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-087-684-50
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US-10-087-684-49
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APPLICANT: Miller, Charles E.
APPLICANT: Gangolli, Esha A.
TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-214 CIP
CURRENT APPLICATION NUMBER: US/10/087,684
CURRENT FILING DATE: 2003-03-10
PRIOR APPLICATION NUMBER: 60/253,834
PRIOR FILING DATE: 2000-11-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 41; DB 12; Length 403;
Pred. No. 41;
1; Mismatches 0; Indels
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PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2001-01-25
PRIOR FILING DATE: 2001-01-25
PRIOR APPLICATION NUMBER: 60/274,194
PRIOR APPLICATION NUMBER: 60/274,194
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR APPLICATION NUMBER: 60/313,656
CURRENT FILING DATE: 2003-03-10
PRICR APPLICATION NUMBER: 60/253,834
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-01-25
PRIOR PLING DATE: 2001-01-25
PRIOR PLING DATE: 2001-03-08
PRIOR PLING DATE: 2001-03-08
PRIOR PLING DATE: 2001-03-08
PRIOR PLING DATE: 2001-03-08
PRIOR FILING DATE: 2001-03-08
PRIOR FILING DATE: 2001-08-20
PRIOR FILING DATE: 2001-05
SOFTWARE: CLIASGGLIST VERSION 0.1
SEQ ID NO 48
LENGTH: 403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 49, Application US/10087684
Publication No. US20040029116A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Burgess, Cathereine E. Casman, Stacie, J. Spytek, Kimberly A. Boldog, Ferenc L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Li, Lı
Padigaru, Muralidhara
Mishra, Vishnu
Shenoy, Suresh G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rastelli, Luca
Tchernev, Velizar T.
Vernet, Corine A.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Edinger, Shlomit R.
APPLICANT: MacDougall, John R.
APPLICANT: Millet, Isabelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Zerhusen, Bryan D.
Malyankar, Uriel M.
Guo, Xiaojia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         83.7%;
87.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ellerman, Karen
Stone, David J.
Grosse, William M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Lepley, Denise M. Rieger, Daniel K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     323 LVGKPPFE 330
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 LLGKPPFE 9
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APPLICANT: GUC, ALGALIAS
APPLICANT: GAGGOLI, ESha
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 2140-214
CURRENT APPLICATION NUMBER: US/10/218,779
CURRENT FILING DATE: 2002-08-14
PRIOR FILING DATE: 2000-11-29
PRIOR PLING DATE: 2000-11-30
PRIOR FILING DATE: 2000-11-30
PRIOR PLING DATE: 2001-11-30
PRIOR PLING DATE: 2001-11-36
PRIOR PLING DATE: 2001-10-55
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR APPLICATION NUMBER: 60/264,180
PRIOR PLING DATE: 2001-10-56
PRIOR APPLICATION NUMBER: 60/313,656
PRIOR PLING DATE: 2001-08-20
PRIOR PLING DATE: 2001-08-20
PRIOR PLING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   83.7%; Score 41; DB 12; Length 403; 87.5%; Pred. No. 41; tive 1; Mismatches 0; Indels
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US-10-218-779-48
Sequence 48, Application US/10218779
; Publication No. US2004002922A1
; GENERAL INFORMATION:
APPLICANT: Edinger, Shlomit
; APPLICANT: Millet, Isabelle
; APPLICANT: Ellerman, Karen
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlet, David
; APPLICANT: Gerlach, Valerie
, APPLICANT: Gerlach, Valerie
        Sequence 47, Application US/10218779
                                                                                                                                                                                                                                                                                                                                                                 Li, Li
Padigaru, Muralidhara
Mishra, Vishnu
Patturajan, Meera
Shenoy, Suresh
Rastelli, Luca
Tchernev, Velizar
                                                                                                                                                                                                                                                                                 Burgess, Catherine
Casman, Stacie
Spytek, Kimberly
Boldog, Ferenc
                                                                APPLICANT: Edinger, Shlomit
APPLICANT: MacDougall, John
APPLICANT: Millet, Isabelle
APPLICANT: Ellerman, Karen
APPLICANT: Stone, David
APPLICANT: Gerlach, Valerie
APPLICANT: Grosse, William
                                                                                                                                                                                                                    Alsobrook II, John
                          Publication No. US20040029222A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Zerhusen, Bryan
Malyankar, Uriel
Guo, Xiaojia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                          Lepley, Denise
Rieger, Daniel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-10-218-779-47
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APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT
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                              Gaps
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CURRENT PELING DATE: 2000-11-29

PRIOR APPLICANT: NUMBER: 60/250, -926

PRIOR APPLICANT: NUMBER: 60/250, -926

PRIOR PLING DATE: 2001-01-20

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: 60/313,656

PRIOR PLING DATE: 2001-01-25

PRIOR APPLICATION NUMBER: 60/327,456

PRIOR PLING DATE: 2001-00-55

NUMBER: OF SEQ ID NOS: 216

SEQ ID NO 14

LENGTH: 403

WANTER DATE: DATE: 201-10-15

LENGTH: 403
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                          Indels
                          .,
    Pred. No. 41;
1; Mismatches
                                                                                                                                                                                                      Sequence 14, Application US/10218779
Publication No. US2004002922A1
GENERAL INFORMATION:
APPLICANT: Edinger, Shlomit
APPLICANT: MacDougall, John
APPLICANT: Millet, Isabelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 borne.
Li, Padigaru, Muralidhara
Mishra, Vishnu
Patturajan, Meera
shenoy, Suresh
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Alsobrook II, John
Lepley, Denise
Rieger, Daniel
Burgess, Catherine
Casman, Stacie
Spytek, Kimberly
Boldog, Ferenc
87.5%;
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Stone, David
  Best Local Similarity 87.5
Matches 7; Conservative
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Best Local Similarity 87.5
Matches 7; Conservative
                                                                                        323 LVGKPPFE 330
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 LLGKPPFE 9
                                                                2 LLGKPPFE 9
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US-10-218-779-47
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APPLICANT:
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                                                                                                     임
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Gaps

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## APPLICANT Alsobrook II, John
## APPLICANT Alsobrook II, John
## APPLICANT Respect Daniel
## APPLICANT Respect Daniel
## APPLICANT Respect Daniel
## APPLICANT Search
## APPLICANT Search
## APPLICANT Search
## APPLICANT Holds, Ference
## APPLICANT Holds, Ference
## APPLICANT Holds, Ference
## APPLICANT Search Local Research
## APPLICANT Search Local Local
## APPLICANT Search Loc
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Db 323 LVGKPPFE 330

Search completed: June 9, 2004, 11:22:06 Job time : 36.1957 secs

Compugen Ltd. GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compug

protein search, using sw model OM protein -

June 9, 2004, 10:56:30; Search time 12.3261 Seconds (without alignments) 37.695 Million cell updates/sec

US-09-736-076-18 49 1 LGRPPFETS 9 Title: Perfect score: Sequence:

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

389414 segs, 51625971 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued Patents AA:\*
| / GgnZ 6/ptodata/2/iaa/5A\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/6B\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/6A\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/6B\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/CFUS\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/PCTUS\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/PCTUS\_COMB.pep:\*
| / GgnZ 6/ptodata/2/iaa/PackfilesI.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description Query Match Length DB Score Result No.

Sequence 1, Appli Sequence 2, Appli Sequence 2, Ag Sequence 6, Ag Sequence 14, Sequence 12, Sequence 12, Sequence 4, A Sequence 11, Sequence 11, Sequence 17, Sequence 14, Sequence 2, P Sequence 10, Sequence 10, Sequence 2, 7 Sequence 2, Sequence 6, Sequence 6, Sequence 6, Sequence 6, Sequence 6, Sequence 7, Sequence 8, Sequence 7, Sequen Sequence 26, Sequence 15, Sequence S-09-311-311C-26 S-08-861-338-15 S-08-252-995D-10 S-08-834-108-10 S-08-252-995D-2 -08-252-995D-14 -08-834-108-2 -08-252-995D-6 1000.0 1000.0 93.9 93

sequence 2,

Sequence 15, Appl Sequence 48, Appl Sequence 46, Appl Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 5260, Ap Sequence 24255, A Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 1, Appli Sequence 1, Appli Sequence 24417, A Sequence 24417, A Sequence 29, Appli Sequence 29, Appli Sequence 29, Appli Sequence 29, Appli Sequence 29, Appli Sequence 29, Appli Sequence 29, Appli	
US-08-878-989-15 US-09-272-796-15 US-09-273-796-15 US-09-437-568A-46 US-09-134-001C-3742 US-09-134-001C-3742 US-09-134-001C-5260 US-09-134-001C-5260 US-09-134-001C-5260 US-09-134-001C-5260 US-09-134-001C-5260 US-09-134-001C-5260 US-09-134-001C-5260 US-09-283-011-3 US-09-283-011-3 US-09-283-011-3 US-09-383-011-3 US-09-383-011-3 US-09-383-011-3 US-09-463-1250-6 US-09-463-1250-6	
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607 607 1899 1899 1851 1822 403 344 344 344 344 344 344 344 347 1019 1019 1019 1019 72	
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2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	

## ALIGNMENTS

Sequence 18, Application US/08861338
Patent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shauel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA LOCATION: 7 OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester" COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC COMPALLDLe
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAX-1997
CLASSIFICATION: 514
ATTONNEY/AGENT INFORMATION:
NAME: BROOK, David B.
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,592
REGISTRATION NUMBER: 22,594
TELEFRANCE/DOCKET NUMBER: 22,594
TELEFRANCE/DOCKET NUMBER: 2440
TELEFRANCE/DOCKET NUMBER: 2440
TELEFRANCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
TEMMTH: 9 amino acids LOCATION: 1 OTHER INFORMATION: /note= "N-Acetyl Leucine" TYPE: amino acid STRANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: peptide NAME/KEY: Modified-site FEATURE:
NAME/KEY: Modified-site
LOCATION: 9 NAME/KEY: Modified-site US-08-861-338-18

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Gaps
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                                                  Sequence 12, Application US/08252995D
Fatent No. 5650501
GENERAL INFORMATION:
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
ITLE OF INVENTION:
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 12, Application US/08834108
Fatent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Dennis, James W
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSES: HERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                       CITY: Toronto
STATE: Ontario
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAtible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN 1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: KULGYGYK, Linda M
REGISTRATION UNDHER: 34,971
REFERENCE/DOCKET UNDHER: 3153-
TELECOMMUNICATION INFORMATION:
TELEFHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    93.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Mus musculus
US-08-252-995D-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 88.5
Matches 8; Conservative
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COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
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                    RESULT 3
US-08-252-995D-12
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                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                              Query Match 100.0%; Score 49; DB 3; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 9
OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: U2173
COMPUTER REABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFTCATION: 514
ATTORNEY/AGENT INPORMATION:
NAME: BTOCK, DAVIG E.
REGISTRATION NUMBER: CMCC-590
FREERRACATION NUMBER: CMCC-590
TELECOMMUNICATION NUMBER: CMCC-590
TELECOMMUNICATION NUMBER: CMCC-590
TELECOMMUNICATION NUMBER: CMCC-590
TELEPRAK: (781) 861-6240
TELEPRAK: (781) 861-9540
INPORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
TENNYMATH: 11 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION: 11
; OTHER INFORMATION: /note= "Serine-NH2"
US-08-861-338-19
OTHER INFORMATION: /note= "Serine-NH2"
                                                                                                                                                                                                                                                                                                         Sequence 19, Application US/08861338 Patent No. 6174993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 11 amino acids TYPE: amino acid STRANDEDNES: not relevant TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Modified-site LOCATION: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100...
Best Local 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Two Militia D
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 LGRPPFETS 9
                                                                                                                                                     1 LGRPPFETS 9
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US-08-861-338-19
      ; US-08-861-338-18
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Gaps
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APPLICANT: JACKSON, JEFREY
APPLICANT: HANSBURY, MICHAEL
APPLICANT: HENEBURY, MICHAEL
APPLICANT: ROSHAK, AMY
APPLICANT: BOUZYK, MARK
TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSE: RATHER & Prestia
STREET: P.O. BOX 980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 19482

ZIP: 19482

COMPUTER READABLE FORM:
MEDIUM TYDE: Diskette
COMPUTER: IBM Compatible
OPERATION SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/136,282
FILING DATE: 20-AUG-1998
CLASSIFICATION DATA:
APPLICATION DATE: 20-AUG-1998
FILING DATE: 20-AUG-1997
FILING DATE: 20-AUG-1997
ATTORNEY AGENT INFORMATION:
WANTONEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 46; DB 2
Pred. No. 1.1;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09136282
Patent No. 6063609
GENERAL INFORMATION:
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                                                                                                          INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLGAY: linear
IMMEDIATE SOURCE:
LIBRARY: HUVENOBO1
CLONE: 39043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION TELEPHONE: 610-407-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                               93.9%;
                                    415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 685 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 93.9
Best Local Similarity 88.9
Matches 8; Conservative
                                                            TELEFAX: 415-845-4166
TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 610-407-0700
TELEX: 846169
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
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MOLECULE TYPE: protein
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                                    TELEPHONE:
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STATE: PA
                                                                                                                                                                                                                                                                                                                                                          ; CLONE: CLONE: US-08-878-989-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-136-282-2
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COMPUTER: IBM PC compatible
COMPRAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CUBRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
FLASSIFICATION: 536
ATTORNEY/AGENT INPORMATION:
NAME: KUTGYGYK, Linda M
REGISTRATION NUMBER: 3153-210
TELEPHONE: (416) 364-731
TELEPHONE: (416) 364-731
TELEPHONE: (416) 361-138
INPORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 272 amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
ORGANIA SOURCE:
CORGANIA MOLECULE
CORMINEMENTA
CORGANIA MOLECULE
CORGANIA MOLECULE
CORMINEMENTA
CORGANIA MOLECULE
CORMINEMENTA
CORGANIA MOLECULE
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COMPANIA
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APPLICANT: Bandman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl G.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: LISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: LISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: LISEASE
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Forter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/878,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PF-0321 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/08878989
Patent No. 5885803
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    201 LGRPPFETT 209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-834-108-12
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US-08-878-989-1
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Length 685;

DB 3;

93.9%; Score 46;

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Sequence 6, Application US/08861338

Sequence 6, Application US/08861338

Parent No. 6174993

GENERAL INFORMATION:
APPLICANT: BEN-58880n, Shmuel A.
TITLE OF INVENTION: BOOTLATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.9%; Score 46; DB 3; Length 685; 88.9%; Pred. No. 1.1; tive 1; Mismatches 0; Indels
                 GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Mark M. Bouzyk

APPLICANT: Michael J. Hanabury

APPLICANT: Michael J. Hanabury

APPLICANT: Sandhya S. Nerurkar

APPLICANT: Sandhya S. Nerurkar

APPLICANT: Sandhya S. Nerurkar

APPLICANT: May K. Roshak

ITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)

FILE REFERENCE: GH-70231-D1

CURRENT APPLICATION NUMBER: US/09/505,744

CURRENT FILING DATE: 1200-02-16

BARLIER APPLICATION NUMBER: 09/136,282

EARLIER APPLICATION NUMBER: 09/136,282

BARLIER APPLICATION NUMBER: 09/056,112

BARLIER FILING DATE: 1997-08-20

NUMBER OF SEQ ID NOS: 3

SOFTWARE: FRASESQ for Windows Version 3.0

SEQ ID NO 2

LENGTH: G85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CALP: U21/3

CALP: U21/3

CALP: U21/3

MEDIUM TYPE: Floppy disk

COMPUTER: EN PC compatible

COMPUTER: EN PC compatible

CORREATION SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: U2/08/861,338

FILING DATE: 21-MAY-1997

CLESSIFICATION: 514

ATTORNEY/AGRNT INFORMATION:

REFERENCY, David E.

REFERENCE/DOCKET NUMBER: CMCC-590

TELERPHONE: (781) 861-6240

TELERPHONE: (781) 861-6540

INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:

LENGTH: 20 amino acid

STRANDEDNESS: not relevant

MOLBCULE TYPE: peptide

US-08-861-338-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       93.9
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     275 LGRPPFETT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: HOMO SAPIENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-861-338-6
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                 Indels
                                                                                                                                                                                                                                                                   APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
APPLICANT: Goli, Purvi
APPLICANT: Bah, Purvi
TITLE OF INVENTION: KINASES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastERG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
88.9%; Pred. No. 1.1;
tive 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERNCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/878,989
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                         Sequence 1, Application US/09272796
Patent No. 6207148
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93.9%;
88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 88.55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                275 LGRPPFETT 283
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CLONE: 39043
                                                                                                      275 LGRPPFETT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear IMMEDIATE SOURCE:
                                                            1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-272-796-1
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RESULT 8 US-09-505-744-2 ; Sequence 2, Application US/09505744

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Pred. No. 1.5;
2; Mismatches 0; Indels
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Sequence 23. Application US/09198122

GENERAL INFORMATION:
APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga;
APPLICANT: Holtrich, Uwe
TITLE OF INVENTION: CLONING OF A MEMBER OF THE SERINE-
TITLE OF INVENTION: THREONINE-KINASE FAMILY
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: SPRUNG HORN KRAMER & WOODS
STREET: 660 White Plains Road
                                                                      STATE: COLUMNY: Canada
ZDIP: MSH 372
COMPUTER TRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Tarrytown STATE: New York COUNTRY: U.S.A. ZIP: 10591-5144 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB MEDIUM TYPE: Storage COMPUTER: NEC POWErmate SX-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: DOS
SOFTWARE: Wordberfect 5.1
STORRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/198,122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/601,014
FILING DATE: 23-FEB-1996
                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: KULCHOK, Linda M
REGISTRATION INUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                 ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     87.8%;
77.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   272 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 77.8%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: line.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide ORIGINAL SOURCE:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               201 VGKPPFETS 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-834-108-14
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            87.8%; Score 43; DB 3; Length 20; 77.8%; Pred. No. 0.097; cive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                 Sequence 14, Application US/08252995D
Patent No. 565501
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Pede, Carol
ITILE OF INVENTION: NOVEL SERINE/THREONINE KINASE
CORRESPONDENCES: 14
CORRESPONDENCES: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 14, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Fode, Carol
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION INDHERE: 34,971
REFERENCE/DOCKET NUMBER: 3153-
TELECOMMUNICATION INFORMATION:
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus
                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 87.8
Best Local Similarity 77.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         :|:||||||
201 VGKPPFETS 209
                                                                                                                   : |: || || || || 5
5 VGKPPFETS 13
                                                                                            1 LGRPPFETS 9
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          Query Match
Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 40 King
CITY: Toronto
STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-252-995D-14
                                                                                                                                                                                                                    US-08-252-995D-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-834-108-14
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ADDRESSEE: Hamilton, Brool
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 10v...
7, Conservative
                                   STREET: Two Militia Dr
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 LGRPPFE 7
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US-08-252-995D-10
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; Sequence 15, Application US/08861338
; Patent No. 6174993
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Ben-Sasson, Shmuel A.
; TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
; NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ..
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                                                                                                                                                                                                                                                                                                                                                                                                                            87.8%; Score 43; DB 3; Length 603; 77.8%; Pred. No. 3.4; tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 4; Length 603;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 26, Application US/09311311C
Fatent No. 6358738
Fatent No. 6358738
Fatent No. 6358738
Fatent No. 6358730
Fatent No. 6358730
Fatent No. 6358730
Filte Seprence 1 1000 BOX THERAPEUTIC COMPOSITIONS,
FILE REPERENCE: 1874/17
CURRENT APPLICATION NUMBER: US/09/311,311C
CURRENT FILING DATE: 1999-05-13
FRIOR PRILING DATE: 1999-05-13
FRIOR FILING DATE: 1999-05-13
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: BE 4329177
FILING DATE: 30-AUG-1993
ATTORNEY/AGBRT INFORMATION:
NAME: Kurt G. Briscoe
REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUBBER: Bayer 9516-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              87.8%; Score 43; DB 77.8%; Pred. No. 3.4; tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (1)...(603)
CTHER INFORMATION: Plk protein US-09-311-311C-26
                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 603 amino acids TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 77.0.
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 77.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      :|:||||||
246 VGKPPFETS 254
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246 VGKPPFETS 254
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: DOMAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-311-311C-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 26
LENGTH: 603
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ADDRESSER: jamiliton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Messachusetts
CITY: Lexington
CONFITTS: Modified-site
CONFITTS: M
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81.6%; Score 40; DB 2
75.0%; Pred. No. 5.4;
iive 2; Mismatches
                                                                                                                                                                                                                                               Sequence 2, Application US/08252995D Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Kurdydyk, Linda M
REGISTRATION UNDBER: 34,971
REFERENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INPORMATION:
TELEPONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            81.6%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 416 amino acids
amino acid
                          Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
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202 IGRPPFDT 209
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206 IGRPPFDT 213
                                                                                                            1 LGRPPFET 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Toronto STATE: Ontario COUNTRY: Canada
                                                                                                                                                                                                                             US-08-252-995D-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-252-995D-2
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Sequence 10, Application US/08834108

Patent No. 597689;
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THEBONINE KINASE
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSER: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: OLICATION
STATE: OLICATION
CONDERY: Canada
ZIP: MSH 324
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                               81.6%; Score 40; DB 75.0%; Pred. No. 5.4; tive 2; Mismatches
                                                                     NAME: Kurdydyk, Linda M. REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 31,971
REFERENCE/DOCKET NUMBER: 3153-96
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 361-1398
INFORMATION POR SEO ID NO: 10: SEQUENCE CHARACTERISTICS:
LENGTH: 273 amino acids
TYPE: amino acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORIGINAL SOURCE:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: KULGYGYK, Linda M
REGISTRATION UNDRER: 34,911
REFRENCE/DOCKET NUMBER: 3153.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPAK: (416) 361-1398
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
                    FILING DATE: 02-JUN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 273 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      :|||||:|
202 IGRPPFDT 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 LGRPPFET 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                      US-08-252-995D-10
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                                            Gaps
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DB 2; Length 273;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 40; DB 1; Length 416;
Pred. No. 8.3;
2; Mismatches 0; Indels
                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-834-108-2
; Sequence 2, Application US/08834108
; Patent No. 5976893;
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Fede, Carol
TITLE OF INVENTION: NOUSL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN E PARR
                                                                                                                                                                                                                                                             PATERIL NO. 3000000
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Pode, Carol
TITLE OF INVENTION: WOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
CCMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
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Gaps
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                                                                                                                        Score 40; DB 1; Length 464;
Pred. No. 9.3;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/08834108
; Patent No. 5976893
; GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: TOTORIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/08252995D
Patent No. 5650501
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION:
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KULYDAYK, Linda M
REGISTRATION NUMBER: 34,971
REFREENCE/DOCKET NUMBER: 3153.
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                          81.6%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 464 amino acids
amino acid
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Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                             Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: protein
                     ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-252-995D-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :|||||:|
206 IGRPPFDT 213
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206 IGRPPFDT 213
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                                                                                                                                                                                                                                                       1 LGRPPFET 8
amino acid
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COUNTRY: Canada
ZIP: M5H 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 21
US-08-252-995D-4
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US-08-834-108-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

JAPPLICANT: Dennis, James W
APPLICANT: Bede, Carol

APPLICANT: Fode, Carol

ITTLE OF INVENTION: NOVEL SERINE/THREONINE KINASE

NUMBES OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: BERESKIN & PARR

STREET: 40 King Street West

CITY: Toronto

STATE: Ontexto

COMPUTER: Canada

ZIP: MSH 3Y2

COMPUTER: READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC Compatible

COMPUTER: IBM PC COMPATION:

COMPATION:
                                                                                                   ZIP: M5H 3YZ
COMPUTER REABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAtible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RC-BOS/MS-DOS
SOFTWARE: PATENTIN ROBER: 10, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
FILING DATE:
FILING DATE:
ATTONEY/AGENT INFORMATION:
NAME: KURCHYGYK, Linda M
REGISTRATION NUMBER: 34,971
REJERRACE/DOCKET NUMBER: 3153-210
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 361-1398
: INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
FENCTH: 416 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UNV-1994
CLASSIFICATION: 536
CLASSIFICATION: 536
NAME: Kurdgyk, Linda M
REGISTRATION NUMBER: 34,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                81.6%; Score 40; DB 75.0%; Pred. No. 8.3; tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3153-96
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 361-1398
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      464 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 416 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       :|||||:|
206 IGRPPFDT 213
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                                             STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
                        Toronto
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US-08-252-995D-6
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Gaps
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                                                                                                                                                                                                                         Query Match

81.6%; Score 40; DB 2; Length 925;
Best Local Similarity 75.0%; Pred, No. 19;
Matches 6; Conservative 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-252-995D-11

Sequence 11, Application US/08252995D

Patent No. 5650501

APPLICANT: Dennis, James W

APPLICANT: Heffernan, Mike

APPLICANT: Heffernan, Mike

APPLICANT: Heffernan, Mike

APPLICANT: Fode, Carol

TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE

NUMBER OF SEQUENCES: 14

CORRESPONDENCES. 14

STREET: A0 King Street West

CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: COUNTRY: Canada

CONTRY: Canada

ZIP: MSH 3YZ

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PIP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN-1994
CLLASSIFICATION: 336
ATTORNEY/AGENT INFORMATION:
NAME: KUCKYGYK, Linda M
REGISTRATION NUMBER: 34,971
REPERBONE: (416) 354-7311
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1416/3 251-1301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Drosophila melanogaster
US-08-252-995D-11
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INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
     TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                             : 925 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 271 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide ORIGINAL SOURCE:
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206 IGRPPFDT 213
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 24
US-08-834-108-11
                                                                                LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION;
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Pede, Carol
ITILE OF INVENTION: NOVEL SERINE/THREONINE KINASE
CORRESPONDENCES: 14
CORRESPONDENCES: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                               MEDIUM TIKER

COMPUTER: LAUGH ALLEA

COMPUTER: HAM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D

FILING DATE: 02-JUN-1994

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M

REDISTRATION NUMBER: 34,971

REPERENCE/POCKET NUMBER: 3153-96

TELEPHONE: (416) 364-7311

TELEPHONE: (416) 364-731

SEQUENCE CHARACTERISTICS:

SEQUENCE CHARACTERISTICS:

FUNCANT. OPE STICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
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CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAWE: KULCHOWYCK, Linda M
REGISTRATION NUMBER: 34,971
REPERCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
                    CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acids
TOPOLOGY: limit
                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :|||||||
206 IGRPPFDT 213
NUMBER OF SEQUENCES:
                                                                                             CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 LGRPPFET 8
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US-08-834-108-4
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Sequence 2, Application US/08233146
Setent No. 5648256
GENERAL INFORMATION:
APPLICANT: BERPIN, TERUHIKO
APPLICANT: NAGASAWA, TORU
APPLICANT: NAGASAWA, TORU
APPLICANT: HORINOUCHI, SUEHARU
APPLICANT: HORINOUCHI, SUEHARU
APPLICANT: NISHITAMA, MAKOTO
TITLE OF INVENTION: NITRILE HYDRATASE ACTIVITY, A TRANSFORMANT
TITLE OF INVENTION: TRANSFORMANT
NUMBER OF SEQUENCES: 8
TITLE OF INVENTION: TRANSFORMANT
NUMBER OF SEQUENCES: 8
AUDISSORE DEPARTE FEMANTS
CORRESPONDENCE ADDRESS:
AUDISSORE DEPARTE FEMANTS
AUDISSORE DEPA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,146
FILING DATE: 22-APR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/694,746
FILING DATE: 02-MAY-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ij
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note= "Gamma Benzyl Ester
Glutamine Acid-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEE: PENNIE & EDMONDS
1: 1155 AVENUE OF THE AMERICAS
NEW YORK
APPLICATION NUMBER: US/08/861,338
                                                        CLASSIFICATION: 514
ATTORNEY AGENT INFORMATION:
NAME: Brock, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CMCC-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-9540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                      SS: not relevant not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MISROCK, S. LESLIE
                            FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 9
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid STRANDEDNESS: not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 LGRPPFE 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             U.S.A.
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3 LGKPPFE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            COPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-861-338-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 26
US-08-233-146-2
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Sequence 17, Application US/08861338
Sequence 17, Application US/08861338
Servent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sasson, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Pred. No. 13;
2; Mismatches 0; Indels
                                                                                          APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTHARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                   ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West CITY: Toronto STARE: Ontario COUNTRY: Canada ZIP: M5H 3YZ COUNTER READALE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3153-210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KAURYDAY, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-
TELEPHONE: (416) 364-7311
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 271 amino acids
Sequence 11, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 77.6%;
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Best Local Similarity 75.0°
Estra 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :|:|||||
200 VGQPPFET 207
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STRANDEDNESS: sin
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    02173
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                                                                                                                                                                                                                                                                               73.5%; Score 36; DB 1; Length 220;
100.0%; Pred. No. 24;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bandman, Olga
APPLICANT: Hilman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl G.
APPLICANT: Guegler, Karl G.
APPLICANT: Guegler, Karl G.
APPLICANT: Goli, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
STRPFF
STRPFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FasteEG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/878,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SSEE: Incyte Pharmaceuticals, Inc. 1: 3174 Porter Drive Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PF-0321 US
                                                                                                                                                   ORGANISM: Pseudomonas chlororaphis
STRAIN: B23 (FERM BP-187)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 15, Application US/08878989 Patent No. 5885803 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLILATION DATE:
FILING DATE:
ATTORNET. AT AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100..
                              STRANDEDNESS: single
                                                     TOPOLOGY: linear MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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120 GRPPFE 125
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CLONE: 1827450
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GENERAL INFORMATION:
APPLICANT: BEPUT TERUHIKO
APPLICANT: VAMADA, HIDEAKI
APPLICANT: VAMADA, HIDEAKI
APPLICANT: NAGASAWA, TORU
TITLE OF INVENTION: ACENE ENCODING A POLYPEPTIDE HAVING
TITLE OF INVENTION: ACENE ENCODING A POLYPEPTIDE HAVING
TITLE OF INVENTION: ACENE FOR THE PRODUCTION OF AMIDES USING THE
TITLE OF INVENTION: TRANSFORMANT
TITLE OF INVENTION: TRANSFORMANT
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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73.5%; Score 36; DB 1; Length 220;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 6; Conservative 0; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,470
FILING DATE: 05-JUN-1995
CLASSIFICATION 435
PROOF APPLICATION BATA:
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7005-024-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 220 amino acids
TYPE: amino acid
STRANDEDNESS: single
TYPE: Inner: Inner: Account of the complexity of th
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FILING DATE: 22-APR-1994
APPLICATION NUMBER: US 07/694,746
FILING DATE: 02-M2-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISROCK, S. LESLIE
REFERENCE/DOCKET NUMBER: 18/872
REFERENCE/DOCKET NUMBER: 7005-024-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Pseudomonas chlororaphis
STRAIN: B23 (FERM BP-187)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/08463470 Patent No. 5789211
                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      N.Y.
U.S.A.
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Sequence 3742, Application US/09134001C

Sequence 3742, Application US/09134001C

Patent No. 6380370

GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al

TITLE OF INVENTION: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS

TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: GTC-007

FILE REFERENCE: GTC-007

CURRENT APPLICATION NUMBER: US/09/134,001C

CURRENT FILING DATE: 1998-08-13

PRIOR FILING DATE: 1997-11-08

PRIOR FILING DATE: 1997-11-08

PRIOR FILING DATE: 1997-08-14

NUMBER OF SEQ ID NOS: 5574
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                                                                                                                                                                                                                                                                                                                                                       73.5%; Score 36; DB 4; Length 899; 100.0%; Pred. No. 1e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Lambeth, J. David
APPLICANT: Lambeth, J. David
APPLICANT: Griendling, Kathy
APPLICANT: Griendling, Rathy
APPLICANT: Arnold, Rebecca S.
APPLICANT: Cheng, Guanglie
TITLE OF INVENTION: No. 6620603el Mitogenic Regulators
FILE REFRENCE: 05501-0103
CURRENT APPLICATION NUMBER: US/09/437,568A
CURRENT FILING DATE: 1999-11-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: Patentin Ver. 2.0
                 APPLICANT: Griendling, Kathy
APPLICANT: Lassegue, Bernard
APPLICANT: Lassegue, Bernard
APPLICANT: Arnold, Rebecca S.
APPLICANT: Cheng, Guangjie
TITLE OF INVENTION: No. 6620603el Mitogenic Regulators
FILE REFERENCE: 05501-0103
CURRENT APPLICATION NUMBER: US/09/437,568A
UNMBER OF SEQ ID NOS: 61
SOFTWARE: Patentin Ver. 2.0
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US-09-437-56A-46
; Sequence 46, Application US/09437568A
; Patent No. 6620603
Lambeth, J. David
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Best Local Similarity 100..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 73.5
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                           CRGANISM: Homo sapiens US-09-437-568A-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1494 GRPPFE 1499
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US-09-134-001C-3742
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                                                                                                                                                                                                                                  SEQ ID NO 48
LENGTH: 899
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                                                                                                                                                                                                                                                          LENGTH:
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                                                                                                                                                                                                                         APPLICANT: Bandman, Olga
APPLICANT: Bandman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl G.
APPLICANT: Gli, Surya K.
APPLICANT: Gli, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: LISEASE ASSOCIATED PROTEIN
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SUFTWARE: FastSEQ for Windows Version 2.0
SURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/878,989
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION INPORMATION:
TELEFRAX: 415-845-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 30
US-09-437-568A-48
US-09-6437-568A-48
Sequence 48, Application US/09437568A
Parent No. 6620603
GENERAL INFORMATION:
                                                                                                                                 RESULT 29
US-09-272-796-15
; Sequence 15, Application US/09272796
; Patent No. 6207148
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 607 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            73.5%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 75.0°
Local 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     217 GSPPFETA 224
                                                                  217 GSPPFETA 224
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; CLONE: 1827450
US-09-272-796-15
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                          2 GRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
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SEQ ID NO 3742

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; Sequence 4, Application US/08974655; Patent No. 5972676; GENERAL INFORMATION:
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amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 71.4
Best Local Similarity 55.6
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       324 VGKPPFEAN 332
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                             US-08-974-655-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-974-655-4
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                            RESULT 34
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                                                                          DB 4; Length 182; 30;
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                                                                                                                0; Indels
                                                                                                                                                                                                                                                                       Sequence 4, Application US/08755728
Patent No. 5962312
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: ANN/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSER. Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
CITY: Los Angeles
STATE: California
COUNTRY: US.A.
ZIP: 9071-206
COMPUTER READABLE PORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
FILING DATE: No. 5962312ember 25, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: AUGUST 14, 1996
ATTORNEY/AGENT INPORMATION:
MANDER MEDIUM TARGET 14, 1996
ATTORNEY/AGENT INPORMATION:
                                                                        71.4%; Score 35; DB 100.0%; Pred. No. 30; Cive 0; Mismatches
TYPE: PRT CRGANISM: Staphylococcus epidermidis US-09-134-001C-3742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REPERENCE/DOCKET NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (213) 955-0440
                                                     Query Match
Best Local Similarity 100...
6; Conservative
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Best Local Similarity 55.0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                               177 LGRPPF 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                               1 LGRPPF 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                     RESULT 33
US-08-755-728-4
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Gaps
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APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/9/4,655
FILING DATE:
CLASSIFICATION: 435
RIGOR APPLICATION 1973
FILING APPLICATION NUMBER: 08/755,728
FILING DATE: No. 5972676ember 25, 1996
FILING DATE: No. 5972676ember 25, 1996
FILING DATE: NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
ATTORNEY/ABOTT INFORMATION:
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE (A72,3510)
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTENG for Windows 2.0
CURERNY APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09283011;
Patent No. 6207401
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
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1 LGRPPFETS 9

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Sequence 2425. Application US/09252991A
Facent No. 6551795
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 24255
LENGTH: 254
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Pred. No. 66;
                                                                                                                                                                69.4%; Score 34; DB 4; Length 226; 75.0%; Pred. No. 59; 2; Indels :ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/08755728;
Sequence 3, Application US/08755728;
Patent No. 5962312.
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: ADD/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: Sai West Fifth Street
STREET: Sai West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
                      ; SEQ ID NO 5260
; LENGTH: 226
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-5260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24255
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 85.7:
....hes 6; Conservative
                                                                                                                                                                        Query Match 69.4
Best Local Similarity 75.0
Matches 6; Conservative
  NUMBER OF SEQ ID NOS: 5674
                                                                                                                                                                                                                                                                                                                 54 LGNPPFAT 61
                                                                                                                                                                                                                                                                      1 LGRPPFET 8
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US-09-252-991A-24255
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US-08-755-728-3
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Sequence 2660, Application US/09134001C

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR FILING DATE: 1997-11-08
PRIOR FILING DATE: US 60/064,964
PRIOR FILING DATE: US 60/055,779
PRIOR FILING DATE: US 60/055,779
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Pred. No. 70;
3; Mismatches 1; Indels
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 634 West Fifth Street
STREET: California
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OFBRATING SYGTEM: IBM P.C. DOS 5.0
SOFTWARE: FASELSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/012,135
FILING DATE: OSUMBER: 09/012,135
FILING DATE: ABMER: 09/012,135
FILING DATE: NO. 6207401ember 25, 1996
APPLICATION NUMBER: 08/755,728
FILING DATE: NO. 6207401ember 25, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 231/282
TELEFRAR: (213) 955-0440
TELEFAX: 67-3510
                                                                                                                                                                                                                                                 ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                71.4%;
55.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 71.4
Best Local Similarity 55.6
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :|:|||| :
324 VGKPPFEAN 332
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; HYPOTHETICAL: N; ANTI-SENSE: NO US-09-283-011-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-134-001C-5260
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Gaps
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55.6%; Pred. No. 91;
tive 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/09283011
Patent No. 6207401
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION
PRIOR APPLICATION NUMBER: 09/012,135
FILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 6207401ember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
    REPERENCE/DOCKET NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELERAX: (213) 955-0440
TELERX: 67-3510
INPORMATION FOR SEQ ID NO: 3:
SEQUENCE GRARACTERISTICS:
LENGTH: 344 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FestSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: (7-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 344 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 55.6
Matches 5; Conservative
                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     268 VGNPPFESA 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                       ; ANTI-SENSE: NO US-08-974-655-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-283-011-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              69.4%; Score 34; DB 2; Length 344; 55.6%; Pred. No. 91; tive 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/08974655
Patent No. 5972676
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
FILING DATE: No. 5962312ember 25, 1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23,113
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAK: (213) 955-0440
TELEFAK: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 435
PION APPLICATION DATA:
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 5972676ember 25, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
ATTORNEY/AGENT INFORMATION:
NAME: WARDLEY, RICHARD J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastESG for Windows 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 55.0%
There 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           268 VGNPPFESA 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-755-728-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 39
US-08-974-655-3
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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGS: linear
; MULECULE TYPE: protein
; HYPOTHETICAL: NO
; AMTI-SENSE: NO
; AMTI-SENSE: NO
; Cuery Match

Gery Match

Best Local Similarity 55.6%; Pred: No. 91;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps

Qy 1 LGRPPFETS 9
: | | | | | | | :
Db 268 VGNPPFESA 276

Search completed: June 9, 2004, 11:03:07
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0;

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US-09-736-076-18
                                                                                                                                                        9, 2004, 11:00:56; Search time 36.1957 Seconds (without alignments) 69.954 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          'Ggn2_6'ptodata/1/pubpaa/US07_PUBCOMB.pep:*
'Ggn2_6'ptodata/1/pubpaa/US07_NEW_PUB.pep:*
'Ggn2_6'ptodata/1/pubpaa/US06_NEW_PUB.pep:*
'Ggn2_6'ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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'Ggn2_6'ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1155919 segs, 281338677 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Published Applications AA:*
                                                                                                           - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                               Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                     US-09-736-076-18
                                                                                                                                                                                                                                                                                                                49
1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                 BLOSUM62
                                                                                                                                                                    June
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                                                                                                                                                                                                                                                                               Title:
Perfect score:
                                                                                                        OM protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database
                                                                                                                                                              Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 18, Appl		Segmence 5. Appli	Semience 14 April	Semience 249 App	Segment 250	Segments 251 App	Semience 1 Appli	Semience 69 anni	Semience 101 Ann		Segmence 101 App	1104	Semiance & Appli	Sequence 1268, Ap	
	ΙD	US-09-736-076-18	US-09-736-076-19	US-10-026-021-5	US-10-059-585-14	US-09-771-161A-249	US-09-771-161A-250	US-09-771-161A-251	US-09-769-970-1	US-10-260-708-69	US-10-024-298A-101	US-10-042-211A-101	US-10-617-217A-101	US-10-264-049-3124	US-09-736-076-6	US-09-925-300-1268	
	DB	σ	6	14	14	6	6	σ	10	12	14	14	16	15	σ	6	
	Query Match Length DB	9	11	400	469	685	685	685	685	685	685	685	685	753	20	329	
æ (	Query Match	100.0	100.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.8	93.9	93.9	87.8	87.8	
	Score	49	4 9	46	46	46	46	46	46	46	46	46	46	46	43	43	
4[::00	No.	1	1		4	S	9	7	8	6	10	11	12	13	14	15	

Sequence 6, Appli Sequence 123, App Sequence 214, App Sequence 126, Appli Sequence 110, Appl Sequence 2279, Ap Sequence 37525, A Sequence 37525, A Sequence 5956, Appl Sequence 5758, Appli Sequence 5758, Appli Sequence 57, Appli Sequence 57, Appli Sequence 37, Appli	2227	100 100 100 100 100 100 100 100 100 100	Sequence 15, Appl Sequence 15, Appl Sequence 2, Appl Sequence 16, Appl Sequence 48, Appl Sequence 48, Appl Sequence 692, Appl
US-10-026-021-6 US-09-771-161A-123 US-09-771-161A-214 US-10-406-901-2 US-10-406-901-2 US-10-171-311-186 US-10-18-332-110 US-10-408-765A-2279 US-10-369-493-5956 US-09-736-076-15 US-09-736-076-15 US-09-736-076-15 US-09-736-076-15	US-10-425-114 US-10-026-021 US-10-408-765 US-09-736-076- US-10-424-599	03-571-98 24-599-239 76-774-165 82-122A-54 74-780A-85	US-10-10-10-10-10-10-10-10-10-10-10-10-10-
4 6 6 1 1 1 1 1 6 6 1 1 1 1 1 1 1 1 1 1	117 117 127 127	222224	1 C C C C C C C C C C C C C C C C C C C
37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	928 970 970 229	320 101 137 256 310 373	607 607 607 607 899 899
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16 117 119 119 120 120 120 120 120 120 120 120 120 120	3 3 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		0 4 4 4 4 4 5 0 1 2 6 4 4 4 5

## ALIGNMENTS

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0;
                                                                APPLICANT: Ben-Sasson Shmuel A.

ITLLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILE REFERENCE: 1242.1015-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 1000-12-13

PRIOR APPLICATION NUMBER: US 08/861,338

PRIOR APPLICATION NUMBER: US 08/861,338

PRIOR FILING DATE: 1997-05-21

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 18

LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity 100.0%; Score 49; DB 9; Length 9; Similarity 100.0%; Pred. No. 1e+06; 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 7 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(9)
Sequence 18, Application US/09736076
Patent No. US20020049301A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (0)...(9)
OTHER INFORMATION: J45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6
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Matches 9; Conserv
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RESULT 2

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Sequence 19, Application US/09736076

Sequence 19, Application US/09736076

Patent No. US20020049301A1

SERENT INFORMATION:

APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION:

TITLE OF INVENTION:

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 1090-12-13

PRIOR FILLING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SEQ ID NO 19

LENGTH: 11

LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | JOHNSTAIL INFORMATION: Yasumichi | APPLICANT: Hitoshi, Yasumichi | APPLICANT: Demo, Susan | APPLICANT: Rigel Pharmaceuticals, Inc. | APPLICANT: Rigel Pharmaceuticals, Inc. | APPLICANT: Rigel Pharmaceuticals, Inc. | APPLICANT: Rigel Pharmaceuticals of Cancer | TITLE OF INVENTION: Treatment of Cancer | FILE REFERENCE: 021044-0012008 | CURRENT APPLICATION NUMBER: US/10/026,021 | CURRENT FILING DATE: 2002-06-25 | PRIOR FILING DATE: 2001-08-01 | NUMBER OF SEQ ID NOS: 8 | SOFTWARE: Patentin Ver. 2.1 | SEQ ID NO S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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88.9%; Pred. No. 5;
iive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 49; DB 9; Length 11;
100.0%; Pred. No. 0.044;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: DOMAIN
) LOCATION: (1)..(400)
) CTHER INFORMATION: human SNK mitotic kinase kinase domain
(S-10-026-021-5
                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(11)
OTHER INFORMATION: J46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/10026021
Publication No. US20030027756A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 93.9
Best Local Similarity 88.9
Matches 8; Conservative
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Best Local Similarity 100.
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275 LGRPPFETT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-736-076-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 400
         US-09-736-076-19
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Gaps
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                                                                                                                                                                                                                         APPLICANT: Orenwa, Naoru
APPLICANT: Yamancto, Juli-ichi
APPLICANT: Yamancto, Juli-ichi
APPLICANT: Ishii, Shizuko
APPLICANT: Ishii, Shizuko
APPLICANT: Nagai, Temayasu
APPLICANT: Nagai, Keiichi
APPLICANT: Nagai, Keiichi
APPLICANT: Senoo, Chiaki
APPLICANT: Funahashi, Shin-Ichi
APPLICANT: Senoo, Chiaki
APPLICANT: Senoo, Chiaki
APPLICANT: Senoo, Chiaki
APPLICANT: Nava, Jun-Ichi
APPLICANT: Nava, Jun-Ichi
APPLICANT: Senoo, Chiaki
APPLICANT: Senoo, Chiaki
APPLICANT: Nava, Jun-Ichi
APPLICANT: Nava, Jun-Ichi
APPLICANT: Nover, Jun-Ichi
APPLICANT: Nover, Jun-Ichi
APPLICANT: Nover, Jun-Ichi
APPLICANTON NUMBER: US/10/059,585
CURRENT APPLICATION NUMBER: US 60/183,322
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 1999-07-29
NUMBER OF SEQ ID NOS: 64
SOCHWARE: FASESEQ FOR Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 5
US-09-771-161A-249

i Sequence 249, Application US/09771161A

patent No. US20020110811A1

GENERAL INFORMATION:
TITLE OF INVENTION: VARLANTS OF PROTEIN KINASES
TITLE OF INVENTION: VARLANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1

CURRENT APPLICATION NUMBER: US/09/771,161A

CURRENT FILING DATE: 2000-10-26

PRIOR APPLICATION NUMBER: 13676

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-06-15

PRIOR FILING DATE: 2000-06-15

PRIOR FILING DATE: 2000-04-12

NUMBER OF SEQ ID NOS: 273

SEQ ID NOS: 273

LENGTH. 685
Sequence 14, Application US/10059585 Publication No. US20030082776A1 GENERAL INFORMATION:
                                                                                       APPLICANT: Ota, Toshio
APPLICANT: Isogai, Takao
APPLICANT: Nishikawa, Tetsuo
APPLICANT: Hayashi, Koji
APPLICANT: Otsuka, Kaoru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              59 LGRPPFETT 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-059-585-14
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/769,970
                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNAY AGENT INFORMATION:
NAME: Billing, Lucy J J
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: 36,749
REPERRUCE/DOCKET NUMBER: PF-0321 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-655-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
                                                                                                                RESULT 8
US-09-769-970-1
Sequence 1, Application US/09769970
Publication No. US20030170219A1
GENERAL INFORMATION:
Hillman, Jennifer L.
Corley, Neil C.
Cuegler, Karl G.
Lal, Preeti
Goli, Surya K.
Shah, Purvi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-260-708-69; Sequence 69, Application US/10260708; Publication No. US20040063101A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LIBRARY: HUVENOB01
                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                        275 LGRPPFETT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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                                  1 LGRPPFETS 9
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-769-970-1
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                                                                                                                              Gaps
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                                                                                                                              0;
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                                                                                  Score 46; DB 9; Length 685; Pred. No. 8.4; 0; Indels 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93.9%; Score 46; DB 9; Length 685; 88.9%; Pred. No. 8.4; tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    93.9%; Score 46; DB 9; Length 685; 88.9%; Pred. No. 8.4; Live 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                    Sequence 250, Application US/09771161A
Fatent No. US20020110811A1
GENERAL INPORMATION:
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REPERENCE: 802620-2005.1
FURRENT FILING DATE: 2001-01-26
FRIOR FILING DATE: 2001-01-26
FRIOR FILING DATE: 2000-06-15
FRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PATCHIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 221, Application US/09771161A
Patent No. US20220110811A1
GENERAL INFORMATION:
APPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILLE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
PRIOR PRICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 136776
PRIOR PILING DATE: 2000-06-15
PRIOR PILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PALENTIN VERSION 3.0
SEQ ID NO 251
INNOTE: 685
                                                                              93.9%;
                                                                          Query Match
Best Local Similarity 88.5
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 93.9
Best Local Similarity 88.9
Matches 8; Conservative
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275 LGRPPFETT 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                            1 LGRPPFETS 9
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US-09-771-161A-251
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Best Local Similarity
Matches 8; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-771-161A-250
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Score 46; DB 16; Length 685;
Pred. No. 8.4;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 101, Application US/10617217A

PUBLICATION NO. US20040081986A1

GENERAL INFORMATION:

APPLICANT: MATSUDA, Akio et al.

TITLE OF INVENTION: NF-kB ACTIVATING GENE
FILE REFERENCE: 1254-0229F

CURRENT PILICATION NUMBER: US/10/617,217A

CURRENT FILING DATE: 2003-07-11

PRIOR APPLICATION NUMBER: UP 2000-402288

PRIOR FILING DATE: 2000-1-28

PRIOR FILING DATE: 2000-103-26

PRIOR FILING DATE: 2001-08-24

PRIOR FILING DATE: 2001-08-24

PRIOR FILING DATE: 2001-08-24

PRIOR FILING DATE: 2001-08-26

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-10-26

PRIOR APPLICATION NUMBER: US 60/258,315

PRIOR FILING DATE: 2000-10-28

PRIOR APPLICATION NUMBER: US 60/218,640

PRIOR APPLICATION NUMBER: US 60/218,640

PRIOR PILING DATE: 2001-08-24

NUMBER OF SEQ ID NOS: 224

SOFTWARE: PALENTIN VET: 2.0

SEQ ID NO 101

LENTH: 685
               TITLE OF INTENTION: NFKB Activating Gene FILE REFERENCE: 1254-0192P CURRENT APPLICATION NUMBER: US/10/042,211A CURRENT FILING DATE: 2002-01-11 PRIOR APPLICATION NUMBER: UP 2000-40228 PRIOR FILING DATE: 2000-12-28 PRIOR PILING DATE: 2001-03-26 PRIOR PILING DATE: 2001-03-26 PRIOR APPLICATION NUMBER: UP 2001-088912 PRIOR FILING DATE: 2001-08-24 PRIOR APPLICATION NUMBER: US 60/258,315 PRIOR PILING DATE: 2000-12-28 PRIOR PILING DATE: 2001-03-26 PRIOR FILING DATE: 2001-03-26 PRIOR FILING DATE: 2001-03-28 PRIOR FILING DATE: 2001-03-28 PRIOR FILING DATE: 2001-03-28 PRIOR FILING DATE: 2001-03-28 PRIOR FILING DATE: 2001-08-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 46; DB
Pred. No. 8.4;
1; Mismatches
APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFKB Activating Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      93.9%;
88.9%;
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88.9%;
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SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     275 LGRPPFETT 283
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CRGANISM: Homo sapiens
US-10-617-217A-101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) ORGANISM: Homo sapiens
US-10-042-211A-101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 LGRPPFETS 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 101
LENGTH: 685
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                                                                                                                                                                                                                                                                                                                                                                                                93.9%; Score 46; DB 12; Length 685;
88.9%; Pred. No. 8.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                   TITLE OF INVENTION: Human Sarcoma-Associated Antigens FILE REFERENCE: L00461/70138
CURRENT APPLICATION WHOBER: US/10/260,708
CURRENT FILIG DAIE: 2002-09-30
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin version 3.1
SEQ ID 885
LENGTH: 685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 101, Application US/10024298A

Sequence 101, Application US/10024298A

Publication No. US20030143540A1

GENERAL INFORMATION:
APPLICANT: ASAHI KASEI KABUSHIKI KAISHA
APPLICANT: ASAHI KASEI KABUSHIKI KAISHA
APPLICANT: SAHI MURAMATSU
APPLICANT: Shuji MURAMATSU
CURRENT FILING DATE: 1254-0191P
CURRENT FILING DATE: 2003-04-08
PRIOR PILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: 60/214,385
PRIOR APPLICATION NUMBER: 60/278,641
PRIOR APPLICATION NUMBER: 60/288,315
PRIOR APPLICATION NUMBER: 50/278,641
PRIOR APPLICATION NUMBER: 50/278,641
PRIOR APPLICATION NUMBER: 50/278,641
PRIOR APPLICATION NUMBER: JP254018/2001
PRIOR FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 182
SEQ IDN NOS: 182
SEQ IDN NOS: 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
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US-10-042-211A-101
US-10-042-211A-101
Sequence 101, Application US/10042211A
Publication No. US20030170719A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 88.9
Matches 8; Conservative
                                   APPLICANT: Scanlan, Matthew
APPLICANT: Lee, Sang-Yull
APPLICANT: Old, Lloyd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             275 LGRPPFETT 283
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275 LGRPPFETT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 LGRPPFETS 9
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Best Local Similarity
Matches 8; Conserv
               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-024-298A-101
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LOCATION: (59)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE
LOCATION: (307)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (3)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: SITE
LOCATION: (308)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (317)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (327)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: (328)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (329)
CTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-300-1268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Xaa equals any of the naturally occurring L-amino acids
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APPLICANT: Jenkins, Yonchu
APPLICANT: Rigel Pharmaceuticals, Inc.
TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for
TITLE OF INVENTION: Treatment of Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .
0
APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PAL01
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR PILING DATE: 2001-08-10
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1990-03-12
NUMBER OF SEQ ID NOS: 1890
SOUTHWARE: Patentin Ver. 2.0
SEQ ID NO 1268
LENGTH: 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 87.8%; Score 43; DB 9; Length 329; Best Local Similarity 77.8%; Pred. No. 14; Matches 7; Conservative 2; Mismatches 0; Indels
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CURRENT APPLICATION NUMBER: US/10/026,021
CURRENT FILING DATE: 2002-06-25
PRIOR APPLICATION NUMBER: US 60/309,632
PRIOR FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 6, Application US/10026021; Publication No. US20030027756A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: SITE
LOCATION: (314)
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                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; LOCATION: (33) OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids US-10-264-049-3124
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BEPLICANT: BEA-SASSON Shmuel A.

TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR PEPLICATION WINBER: US 08/861,338

PRIOR FILING DATE: 1997-05-21
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          US-10-264-049-3124

| Sequence 3124, Application US/10264049
| Sequence 3124, Application No. US20040005579A1
| Seturation No. US20040005579A1
| SENERAL INFORMATION:
| APPLICANT: Birse et al. |
| TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PA13P1 |
| CURRENT APPLICATION NUMBER: US/10/264,049 |
| PRIOR PILING DATE: 2002-10-04 |
| PRIOR PILING DATE: 2001-06-07 |
| PRIOR FILING DATE: 2000-06-07 |
| SOFTWARE: PALENTION NUMBER: US 60/209,467 |
| SOFTWARE: PALENTIN VER: 3.1 |
| LENGTH: 753
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Pred. No. 9.2;
1; Mismatches 0; Indels
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; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 6, Application US/09736076 ; Patent No. US20020049301A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      93.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 88.5
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: POLO US-09-736-076-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        343 LGRPPFETT 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: MISC FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              VGKPPFETS 13
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Best Local Similarity
7; Conserve
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Gaps

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Holtrich, Uwe
TITLE OF INVENTION: CLONING OF A MEMBER OF THE SERINE-
THREONINE-KINASE FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 603;
                                                                                                                             0; Indels
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ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
REGISTATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: Bayer 9516-KGB
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: SPRUNG HORN KRAMER & WOODS
STREET: 660 White Plains Road
CITY: Tarrytown
STATE: New York
                                                                                         Score 43; DB 9;
Pred. No. 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US/09/634,443
APPLICATION NUMBER: US/09/634,443
FILING DATE: 08-Aug-2000
APPLICATION NUMBER: US/08/601,014
FILING DATE: 23-FEB-1996
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-Aug-1994
APPLICATION NUMBER: DE 4329177
FILING DATE: 30-Aug-1993
                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/406,901
FILING DATE: 03.Apr-2003
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: Protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-406-901-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 603 amino acids
                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/10406901; Publication No. US20040033578A1
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                         87.8%;
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Best Local Similarity 77.8
Matches 7; Conservative
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246 VGKPPFETS 254
                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-214
                                                                                                                                                                       1 LGRPPFETS 9
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US-10-406-901-2
LENGTH: 603
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Pred. No. 22;
2; Mismatches 0; Indels
                                                                                                                               VAME/KEY: DOWAIN
LOCATION: (1). (367)
OTHER INFORMATION: human PLK1 mitotic kinase kinase domain
                                                                                                                                                                                                                                                                       Indels
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Facent No. US20020110811A1
GENERAL INCENTATION
APPLICATIVE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
FULE REPERENCE: 802620-2005.1
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: US/09/71,161A
PRIOR FILING DATE: 2000-01-26
PRIOR FILING DATE: 2000-04-15
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
SEQ ID NO 123
LIBNGTH: 516
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Patent No. US20020110811A1
GENERAL INFORMATION:
APPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
TITLE APPLICATION NUMBER: US/09/771,161A
CURRENT APPLICATION NUMBER: 09/724,676
PRIOR APPLICATION NUMBER: 09/724,676
PRIOR APPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-01-28
PRIOR FILING DATE: 2000-02-15
PRIOR FILING DATE: 2000-04-12
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. 15;
                                                                                                                                                                                                                                                                       2; Mismatches
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SOFTWARE: PatentIn version 3.0
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Best Local Similarity 77.87
7; Conservative
                     2.1
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Best Local Similarity 77.0
Section 77 Conservative
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2
SOFTWARE: Patentin Ver. 2
IEROGII: 367
TYPE: PRI
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246 VGKPPFETS 254
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159 VGKPPFETS 167
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                                                                                             ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                               1 LGRPPFETS 9
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US-09-771-161A-123
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us-09-736-076-18.rapb

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Best Local Similarity 77.8 Matches 7; Conservative
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; ORGANISM: Homo sapiens
US-10-188-832-110
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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                                                                                                        Query Match
Best Local Similarity
7; Conserve
                                                                                                                                                                                                                                                                                    1 LGRPPFETS
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APPLICANT: Chen, Yan
APPLICANT: Chen, Yan
APPLICANT: Chen, Xumei
APPLICANT: Chen, Xumei
APPLICANT: Chen, Xumei
APPLICANT: Glatt, Karen
APPLICANT: Chanavarapu, Manjula
APPLICANT: Glatt, Karen
APPLICANT: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND THERAPY
TITLE OF INVENTION: OF CERVICAL CANCER
FILE REPERENCE: MRI-035
CURRENT APPLICATION NUMBER: US 60/298,159
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR APPLICATION NUMBER: US 60/298,155
PRIOR PELING DATE: 2001-06-13
PRIOR PELING DATE: 2001-06-13
PRIOR PELING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
SPRIOR PELING DATE: 2001-06-13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 186
IRRICHAR FOR APPLICATION NUMBER: PARTING 
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GENERAL INFORMATION:
APPLICANT: Mack, David H.
APPLICANT: Mack, David H.
APPLICANT: Aziz, Natasha
FIFTLE OF INVENTION: Methods of Diagnosis of Bladder Cancer, Compositions
TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder
TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder
TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder
TITLE OF INVENTION: and Methods of Screening for Modulators of Bladder
FILE REFERENCE: 010501-002330US
CURRENT APPLICATION NUMBER: US 60/310,099
PRIOR APPLICATION NUMBER: US 60/310,099
PRIOR FILING DATE: 2001-01-08
PRIOR FILING DATE: 2001-11-08
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2002-04-12
NUMBER OF SEQ ID NOS: 207
SOFTWARE: PATENTIN VENER: US 60/372,246
NUMBER OF SEQ ID NOS: 207
SEQ ID NO 110
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                                                                                                                                                                     ; Sequence 186, Application US/10171311; Publication No. US20030087270A1
; BENERAL INFORMATION:
; APPLICANT: Schlegel, Robert
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Publication No. US20040076955A1
GENERAL INFORMATION:
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Best Local Similarity 77.0.
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246 VGKPPFETS 254
246 VGKPPFETS 254
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US-10-188-832-110
                                                                                                    RESULT 20
US-10-171-311-186
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Sequence 37525, Application US/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:

APPLICANT: Liu, Jingdong

APPLICANT: Zhou, Yihua

APPLICANT: Screen, Steven E

APPLICANT: Gao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT PILING DAIE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 37525

LENGTH: 629
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                                                            Gaps
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Publication No. US20040101874A1
GENERAL INFORMATION:
APPLICANT: Ghosh, Sounitra S.
APPLICANT: Zhang, Bing
APPLICANT: Zhang, Bing
APPLICANT: Taylor, Stever W.
APPLICANT: Taylor, Stever W.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: DENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088.465
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FastsEQ for Windows Version 4.0
SOFTWARE: FastsEQ for Windows Version 4.0
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87.8%; Score 43; DB 16; Length 603; 77.8%; Pred. No. 25; 0; Indels tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           87.8%; Score 43; DB 16; Length 603; 77.8%; Pred. No. 25; tive 2; Mismatches 0; Indels
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US-10-425-114-37525
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APPLICANT: Ben-Sasson Shmuel A. TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR PELLOR FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FASTERQ for Windows Version 4.0
SEQ ID NO 57
LENGTH: 10
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APPLICANT: INFORMATION:
APPLICANT: Demo, Susan
APPLICANT: Demo, Susan
APPLICANT: Demo, Susan
APPLICANT: Demo, Susan
TITLE OF INVENTION: Treatment of Cancer
TITLE OF INVENTION: Treatment of Cancer
TITLE OF INVENTION: Treatment of Cancer
FILE REFERENCE: 021044-0012100S
CURRENT APPLICATION NUMBER: US/10/026,021
CURRENT FILING DATE: 2002-06-25
PRIOR PILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 379;
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81.6%; Score 40; DB 14;
Best Local Similarity 75.0%; Pred. No. 54;
Matches 6; Conservative 2; Mismatches 0;
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Pred. No. 1.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: MYRISTATE

LOCATION: (1)...(0)

COTATION: (1)...(1)

OTHER INFORMATION: position 10 is benzylester

NAME/KEY: AMIDATION

LOCATION: (0)...(10)

COTATION: (0)...(10)

US-09-736-076-57
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100.0%; Pred. No. 1...
                                                                                                                                           ; Sequence 57, Application US/09736076; Patent No. US20020049301A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity luv...
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LGRPPFE 9
LGRPPFE 7
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NAME/KEY: DOMAIN
                                                                                                                              US-09-736-076-57
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; Sequence 5956, Application US/10369493
; Publication No. US2003023675A1
; GENERAL INFORMATION:
    APPLICANT: Gao, Yongwei
    APPLICANT: Alarkle, Gregory J.
    APPLICANT: Slater, Steven C.
    APPLICANT: Goldman, Barry S.
    APPLICANT: Chen, Xianfeng
    TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
    TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
    TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
    TILLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
    FILE REFERENCE: 38-10 (5205.)
    CURRENT APPLICATION NUMBER: US 40/360,039
    RIOR FILING DATE: 2002-02-21
    NUMBER OF SEQ ID NOS: 47374
    SEQ ID NO 5956
    LENGTH: 521
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Sequence 15, Application US/09736076

Patent No. US20020049301A1

GENERAL INFORMATION:
APPLICANT: BEN-SEASON SHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILER REFERENCE: 1242.1015-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US/08/861,338

PRIOR PILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 15

LENGTH: 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    81.6%; Score 40; DB 9; Length 9; 100.0%; Pred. No. 1e+06; tive 0; Mismatches 0; Indels
                        Indels
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OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
    Pred. No. 26;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT; Caenorhabditis elegans US-10-369-493-5956
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ORGANISM: Artificial Sequence
  77.8%;
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  Best Local Similarity 77.8
Matches 7; Conservative
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272 VGKPPFETS 280
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; OTHER INFORMATION: J42
US-09-736-076-15
                                                                   1 LGRPPFETS 9
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Best Local Similarity
Matches 7; Conserva
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Best Local Similarity
Matches 7; Conserv
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US-10-369-493-5956
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Sequence 17, Application US/09736076
| Patent No. US20020049301A1
| GENERAL INFORMATION:
| APPLICANT: Ben-Sasson Shmuel A. |
| TITLE OF INVENTION: MODILATE THE ACTIVITY OF SERINE/THREONINE KINASES |
| TITLE OF INVENTION: MODILATE THE ACTIVITY OF SERINE/THREONINE KINASES |
| CURRENT APPLICATION NUMBER: US/09/736,076 |
| PRIOR PILING DATE: US/09/736,076 |
| PRIOR PILING DATE: US/09/736,076 |
| PRIOR PILING DATE: 1997-05-21 |
| SOFTWARE: FLANCE OF Windows Version 4.0 |
| SEQ ID NO 17 |
| LENGTH: 9
                                                                                                                                                                                                                                                      APPLICANT: Ghosh, Soumitra S.
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Zhang, Bing
APPLICANT: Zhang, Bing
APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Glenn, Gary M.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
TILE NETREBROE: 660088.465
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: PASLESQ for Windows Version 4.0
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85.7%; Pred. No. 1e+06;
ative 1; Mismatches
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CTHER INFORMATION: position 9 is benzylester NAME/KEY: AMADATION
CCCATION: (0)...(9)
CTHER INFORMATION: J43.1
US-09-736-076-17
                                                                                                                                           Sequence 1916, Application US/10408765A
Publication No. US20040101874A1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 75.0
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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TYPE: PRT
ORGANISM: Homo sapiens
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206 IGRPPFDT 213
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NAME/KEY: ACETYLATION
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                                                                                                              US-10-408-765A-1916
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                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Cao, Yongke, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongke, Jack E
APPLICANT: Cao, Yongke, Jack E
APPLICANT: Cao, Yongke, Jack E
APPLICANT: Labaska, Jack E
APPLICANT: Labask
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(RENEAL INFORMATION:
(RENEAL INFORM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              81.6%; Score 40; DB 14; Length 970; 75.0%; Pred. No. 1.3e+02; Live 2; Mismatches 0; Indels
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US-10-026-021-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Clone ID: LIB4119-112-B4_FLI.pep
US-10-425-114-37528
                                                                                                                                                                                                                                                                       ; Sequence 37528, Application US/10425114 ; Publication No. US20040034888A1
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Best Local Similarity 75.C
Matches 6; Conservative
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Best Local Similarity 75.0
Matches 6; Conservative
                                                     :|||||:|
206 IGRPPFDT 213
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ORGANISM: Homo sapiens
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164 IGRPPFDT 171
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ORGANISM: Homo sapiens
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206 IGRPPFDT 213
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1 LGRPPFET
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US-10-425-114-37528
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRENCE: 38-21323) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NOS: 285684
LENGTH: 101
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Sequence 1652, Application US/10276774

Publication No. US20040053245A1

GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
APPLICANT: Hyseq, Inc.
TILE OF INVENTION: No. US20040053245A1e1 Nucleic Acids and Polypeptides
TILE REFERENCE: 21272-030
CURRENT APPLICATION NUMBER: US/10/276,774

CURRENT FILING DATE: 2000-11-18
PRIOR APPLICATION NUMBER: 09/560,875
PRIOR APPLICATION NUMBER: 09/560,875
PRIOR APPLICATION NUMBER: 09/496,914
PRIOR PILING DATE: 2000-02-03

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 2700

SOFTWARE: CUSTOM

SEQ ID NO 1652

LENGTH: 137

LENGTH: 137
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Pred. No. 75;
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100.0%; Pred. No. 1e+02;
iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Clone ID: PAT_MRT3847_57923C.1.pep
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 5443; Application US/10282122A; Publication No. US20040029129A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haaelbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 73.5%;
Best Local Similarity 75.0%;
Matches 6; Conservative
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Best Local Similarity 100.
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US-10-276-774-1652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               73 LGKPPLET 80
                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Glycine max
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86 GRPPFE 91
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                                                    Sequence 149900, Application US/10424599
; Sequence 149900, Application US/2040031072A1
; Sequence 149900, Application No. US20040031072A1
; General Information:
; APPLICANT: La Rosa Thomas J
APPLICANT: Cao Yongwei
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE EFFERENCE: 38-21(53223)B
; CURRENT FILING DATE: 2003-04-28
; CURRENT FILING DATE: 2003-04-28
; SEQ ID NO 149900
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         75.5%; Score 37; DB 12; Length 229; 85.7%; Pred. No. 1.1e+02; ive 1; Mismatches 0; Indels
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Sequence 98, Application US/10403571

Publication No. US20040068763A1

GENERAL INFORMATION:

APPLICANT: Hopkins, Nancy

APPLICANT: Amsterdam, Adam

APPLICANT: Amsterdam, Adam

APPLICANT: Sun, Zhoaxia

ITLE OF INVENITON: Developmental Mutations in Zebrafish

FILE REFERENCE: 01997/5390075

CURRENT APPLICATION NUMBER: US/10/403,571

CURRENT FILING DATE: 2003-03-25

PRIOR PLLING DATE: 2002-03-29

NUMBER OF SRQ ID NOS: 159

NUMBER OF SRQ ID NOS: 159

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Clone ID: PAT_MRT3847_106381C.1.pep US-10-424-599-149900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: unsure
LOCATION: (1)..(229)
OTHER INFORMATION: unsure at all Xaa locations
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US-10-424-599-239090
; Sequence 239090, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
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Best Local Similarity 85.77
6; Conservative
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244 VGNPPFET 251
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ORGANISM: Danio rerio
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ORGANISM: Glycine max
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53 GRPPFKT 59
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Best Local Similarity
Matches 6; Conserv
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                                 RESULT 32
US-10-424-599-149900
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US-10-403-571-98
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LENGTH: 32
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NAME/KEY: DOMAIN
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                                        APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REPRENCE: ELITRA.034A

CURRENT APPLICATION NUMBER: U5/10/282,122A

CURRENT APPLICATION NUMBER: 60/191,078

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR PILING DATE: 2000-03-21

PRIOR PILING DATE: 2000-03-21

PRIOR PELICATION NUMBER: 60/206,848

PRIOR PLILING DATE: 2000-05-26

PRIOR PELICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-09-06

PRIOR FILING DATE: 2000-09-09

PRIOR PELICATION NUMBER: 60/230,347

PRIOR PELICATION NUMBER: 60/242,578

PRIOR PELICATION NUMBER: 60/242,578

PRIOR PELICATION NUMBER: 60/257,931

PRIOR PILING DATE: 2000-11-27

PRIOR PELICATION NUMBER: 60/257,636

PRIOR PILING DATE: 2000-11-27

PRIOR PILING DATE: 2000-11-27

PRIOR PELICATION NUMBER: 60/257,636

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-10-24

PRIOR PILING DATE: 2000-10-27

PRIOR PILING DATE: 2000-10-27
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APPLICANT: Dubell III, Arnold T
APPLICANT: Dineda, Omalira
APPLICANT: Pineda, Omalira
APPLICANT: Yu, Guo-Liang
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
FILE REFERENCE: MBI-0047 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       73.5%; Score 36; DB 12; Length 256; 77.8%; Pred. No. 1.9e+02; rative 0; Mismatches 2; Indels
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US-10-374-780A-852
Sequence 852, Application US/10374780A
PUBLIcation No. US20040019927A1
GENERAL INFORMATION:
APPLICANT: Sherman, Bradley K
APPLICANT: Riechmann, Jose Luis
APPLICANT: Inang, Cai-Zhong
APPLICANT: Heard, Jacqueline E
APPLICANT: Heard, Jacqueline E
APPLICANT: Heard, Volker
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PRIOR APPLICATION NUMBER: 09/837,944
PRIOR FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: 60/310,847
PRIOR FILING DATE: 2001-08-09
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Ratcliffe, Oliver
Adam, Luc J
Reuber, T. Lynne
Keddie, James
Broun, Pierre E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Campylobacter jejuni
US-10-282-122A-54433
Yamamoto, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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Best Local Similarity
7; Conserve
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APPLICANT: Demo, Susan

APPLICANT: Jenkins, Yonchu

APPLICANT: Rigel Pharmaceuticals, Inc.

ITILE OF INVENTION: SAK: Modulation of Cellular Proliferation for ITILE OF INVENTION: Treatment of Cancer

FILE REFERENCE: 021044-001210US

CURRENT APPLICATION NUMBER: US/10/026,021

CURRENT APPLICATION NUMBER: US 60/309,632

PRIOR APPLICATION NUMBER: US 60/309,632

PRIOR PILING DATE: 2001-08-01

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 4

LENGTH: 373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   73.5%; Score 36; DB 14; Length 373; 75.0%; Pred. No. 2.7e+02; ative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (1)...(373)
OTHER INFORMATION: human FNK mitotic kinase kinase domain
PRIOR FILING DATE: 2001-08-22

PRIOR APPLICATION NUMBER: 60/336,049

PRIOR APPLICATION NUMBER: 60/336,049

PRIOR FILING DATE: 2001-11-19

PRIOR FILING DATE: 2001-11-11

PRIOR FILING DATE: 2001-12-11

PRIOR FILING DATE: 2002-06-14

PRIOR PILING DATE: 2002-06-14

PRIOR PILING DATE: 2002-06-19

PRIOR PILING DATE: 2002-06-19

PRIOR PILING DATE: 2002-06-09

PRIOR PILING DATE: 2002-08-09

NUMBER OF SEQ ID NOS: 2906

SOFTWARE: PARENTIN VERSION 3.2

SEQ ID NO 852

LENGTH: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:

CHER INFORMATION: Orthologous to G504

US-10-374-780A-852
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/10026021
Publication No. US2030027756A1
GENERAL INFORMATION:
APPLICANT: Hitoshi, Yasumichi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 73.5
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 75.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              120 VGRPPMET 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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2 GRPPFETS 9
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COMPUTER: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: Fast-SEG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UNDBER: US/09/769,970
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 14; L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Forter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATPLICATION NUMBER: 09/272,796
FILING DATE: cUnknown>
ATTONEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              73.5%; Score 36; DB 100.0%; Pred. No. 3.6 iive 0; Mismatches
                  GENERAL INFORMATION:
APPLICANT: OWURA, SATOSHI
APPLICANT: IKEDA, HARUO
APPLICANT: ISHIKAWA, UUN
APPLICANT: SHIKAWA, HIROSHI
APPLICANT: SHIKAWA, HIROSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: BARAKIEN
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFREENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2002-05-29
PRIOR PELING DATE: 2001-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 15, Application US/09769970; Publication No. US20030170219A1
GENERAL INFORMATION:
HILLIAM, Jennifer L.
CCLIEY, Nail C.
Guegler, Karl G.
Lal, Preet!
Goli, Surya K.
Shah, Puryi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , ORGANISM: Streptomyces avermitilis US-10-156-761-14310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
Publication No. US20030119018A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 6; Conservative
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US-09-769-970-15
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TELEFAX: 415-845-4166

TELEX: cUnknown:

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

INMEDIATE: since a cids

TYPE: amino acid

TYPE: amino acids

TYPE: amino
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Sequence 12, Appl
Sequence 2, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 15, Appl
Sequence 16, Appli
Sequence 16, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 14, Appli
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                                                                                                                        June 9, 2004, 10:56:30; Search time 15.0652 Seconds (without alignments) 37.695 Million cell updates/sec
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Sequence 12, A
Sequence 12, A
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/cgn2 6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2 6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2 6/ptodata/2/iaa/eB_COMB.pep:*
/cgn2 6/ptodata/2/iaa/PCTUS COMB.pep:*
/cgn2 6/ptodata/2/iaa/PCTUS COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-861-338-17
US-08-252-995D-10
US-08-834-108-10
US-08-252-995D-2
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US-08-252-995D-14
US-08-834-108-14
US-09-198-122-2
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US-08-252-995D-6
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US-08-861-338-18
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US-09-505-744-2
                                                                                                                                                                                                                                                                                                                                                                   389414 seqs, 51625971 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                    OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Issued Patents AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                             US-09-736-076-19
58
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Match Length DB
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                                                                                                                                                                                                               Title:
Perfect score:
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                                                                                                                                                                                                                                                            Sequence:
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22, Appl
4, Appli
4, Appli
28679, A
13, Appl
13, Appl
4, Appli
3742, Appli
2, Appli
2, Appli
                                                                                                                                                                                                                                                           Sequence 19, Application US/08861338
Patent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sascon, Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                              Sequence 4
Sequence 3
Sequence 3
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Sequence
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MEDIUM TYPE: RADABLE FORM:

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

SUSTRARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATE: 21-MAY-1997

TLING DATE: 21-MAY-1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Brook, David E.

REGISTRATION NUMBER: CMC-590

TELEPHONE: (781) 861-540

TELEPHONE: (781) 861-540

INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 anino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLAGY: Und relevant
US-09-272-796-15
US-08-974-655-3
US-08-974-655-3
US-09-283-011-3
US-09-283-011-3
US-09-16-000-1
US-07-98-75-12
US-09-739-455-12
US-09-739-455-12
US-09-739-455-4
US-09-739-455-4
US-09-283-011-4
US-09-283-011-4
US-09-252-991A-28679
US-08-252-991A-28679
US-08-252-991A-33-186-108-13
US-08-134-108-13
US-09-772-647-4
US-09-134-0101C-3742
US-09-134-011C-3742
                                                                                                                                                                                                           ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                 CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
 US-08-861-338-19
```

LOCATION: 9 OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester"

FEATURE:
NAME/KEY: Modified-site
LOCATION: 11

LOCATION: 1 OTHER INFORMATION: /note= "N-Acetyl Methionine"

NAME/KEY: Modified-site

NAME/KEY: Modified-site

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Score 55; DB 2; Length 272; Pred. No. 0.012;
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                                                                                                                                                                                            CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MRH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Gordley, Neil C.
APPLICANT: Gordley, Karl G.
APPLICANT: Gold, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
        NOVEL SERINE/THREONINE KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: FastSED for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 536
ATTORNEY FAGENT INFORMATION:
NAME: KULGYGYK, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/POCKET NUMBER: 3153-210
TELECOMMUNICATION INFORMATION:
TELEFRAX: (416) 364-7311
TELEFRAX: (416) 364-7311
TELEFRAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 272 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 1, Application US/08878989 ; Patent No. 5885803
TITLE OF INVENTION: NOVEL SER NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSE: BERESKIN & PARR STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     94.8%;
90.9%;
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 90.9
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US-08-878-989-1
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                                                                                                                         100.0%; Score 58; DB 3; Length 11; 100.0%; Pred. No. 0.00011;
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                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12, Application US/08252995D

Sequence 12, Application US/08252995D

Sequence 12, Application US/08252995D

GENERAL INFORMATION:

APPLICANT: Heffernan, Mike

APPLICANT: Fode, Carol

TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: BERESKIN & PARR

STREET: 40 King Street West

CITY: Toronto

STREET: Ontario

COUNTRY: Canada

ZIP: MSH 372

COUNTRY: Canada

ZIP: MSH 372

COMPUTER: Floppy disk

COMPUTER: IBM PC compatible

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-070-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                         0; Mismatches
            OTHER INFORMATION: /note= "Serine-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-834-108-12; Sequence 12, Application US/08834108; Patent No. 5976893; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (416) 364-7311
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus
                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
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Best Local Similarity 90.5
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                        1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                        1 MLLGRPPFETS 11
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US-08-252-995D-12
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US-08-861-338-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 3
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Gaps
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                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Guegler, Karl G.
APPLICANT: Guegler, Karl G.
APPLICANT: Lal, Preeti
APPLICANT: Gali, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/272,796
                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/878,989
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
FEFERENCE/DOCKET NUMBER: 9F-0321 US
TELECOMMUNICATION:
TELECOMMUNICATION:
TELEFAX: 415-845-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bandman, Olga
Hillman, Jennifer L.
Corley, Neil C.
Guegler, Karl G.
                                                                                                                                                                                                                                                                                                                                                                                                   US-09-272-796-1; Sequence 1, Application US/09272796; Patent No. 6207148
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
                                                          : 685 amino acids
amino acid
TELEX: 846169
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                   Query Match
Best Local Similarity 90.5
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                      273 MLLGRPPFETT 283
                                                                                         STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-136-282-2
                                                                                                                                                                                                                                                                                 1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HUVENOB01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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ZIP: 94304
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                                                            LENGTH:
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STATE:
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GENERAL INFORMATION:
APPLICANT: ANDERSON, KAREN
APPLICANT: JACKSON, JEFFREY
APPLICANT: HANSBURY, MICHAEL
APPLICANT: ROSHAK, AMY
APPLICANT: ROSHAK, AMY
TITLE OF INVENTION: HUMAN SERUM INDUCIBLE KINASE (SNK)
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE RATHER & Prestia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 55; DB 2; Length 685;
Pred. No. 0.032;
1; Mismatches 0; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: TBM COMPATIBLE
COMPUTER: TBM COMPATIBLE
COMPUTER: TBM COMPATIBLE
SOFTWARE: TBM CATION DATA:
APPLICATION NUMBER: US/09/136,282
FILING DATE: 20-AUG-1998
CLASSIFICATION:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/056,112
FILING DATE: 20-AUG-1997
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
MAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
TELECOMMONICATION INFORMATION:
TELEFONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GH-70231
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
APPLICATION NUMBER: US/08/878,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 5
US-09-136-282-2
; Sequence 2, Application US/09136282
; Patent No. 6063609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 94.8%;
Best Local Similarity 90.9%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           273 MLLGRPPFETT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        610-407-0700
                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: P.O. Box 980
CITY: Valley Forge
                                                                                                                                                                                                                                                                                                                                                                                                                      HUVENOB01
                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                    LIBRARY: HUVE
CLONE: 39043
US-08-878-989-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: PA
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(18-08-861-338-18)
Sequence 18, Application US/08861338
Sequence 18, Application US/08861338
Sequence 18, Application US/08861338
Sequence 18, Application
Sequence 18, Application
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      84.5%; Score 49; DB 3; Length 9;
100.0%; Pred. No. 3e+05;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Elb PC Compatible
CORPUTER: Elb PC Compatible
COPERATIOS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BLOOK, David E.
REGISTRATION NUMBER: 22,592
REFRENCE/COCKET NUMBER: CMCC-590
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
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OTHER INFORMATION: /note= "Gamma Benzyl Ester of
OTHER INFORMATION: Glutamic Acid-NH2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Leucine"
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                     TELEPHONE: (781) 861-6240
TELEPAX: (781) 861-5940
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MLLGRPPFE 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-861-338-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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| Sequence 15, Application US/08861338
| Patent No. 6174993
| GENERAL INFORMATION:
| APPLICANT: Ben-Sascon, Shmuel A. TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES NUMBER OF SEQUENCES: 22 CORRESPONDENCE ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Learington STATE: Massachusetts
| CONNTRY: USA
                                                  Gaps
                                                  ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INVORMATION:

APPLICANT: Mark M. Anderson
APPLICANT: Mark M. BOUZYK
APPLICANT: Michael J. Hansbury
APPLICANT: Michael J. Hansbury
APPLICANT: Jeffrey R. Jackson
APPLICANT: Jeffrey R. Jackson
APPLICANT: Amy K. Roshak
FILLE REFERENCE: GH-70231-DI
CURRENT TILLE GH-70231-DI
CURRENT APPLICATION NUMBER: US/09/505,744
CURRENT FILING DATE: 2000-02-16
EARLIER APPLICATION NUMBER: 09/136,282
EARLIER FILING DATE: 1998-08-20
EARLIER FILING DATE: 1998-08-20
EARLIER FILING DATE: 1998-08-20
EARLIER FILING DATE: 1908-08-30
EARLIER FILING DATE: 1908-08-30
EARLIER FILING DATE: 1000-08-3
EARLIER FILING DATE: 1907-08-20
EARLIER FILING DATE: 1907-08-20
EARLIER FILING DATE: 1907-08-20
EARLIER FILING DATE: 1908-08-20
EARLIER FILING DATE: 1908-08-20
EARLIER FILING DATE: 1908-08-20
EARLIER FILING DATE: 1907-08-20
EARLIER FILING DATE: 1908-08-20
EARLIER FILING DATE: 1000-08-20
EARLIER FILING DATE: 100
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ZIP: 02173

ZIP: 02173

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BAF PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
**TING BYTE: 21-MAY-1997

    90.9%; Pred. No. 0.032;
                                              1; Mismatches
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Patent No. 6245544
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Brook, David E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 90.9
Matches 10; Conservative
Best Local Similarity 90.9
Matches 10; Conservative
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273 MLLGRPPFETT 283
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-505-744-2
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6, Application US/08861338
Patent No. 6174993
GENERAL INFORMATION:
APPLICANT: Ben-Sason, Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
ITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                OTHER INFORMATION: /note= "Glutamic Acid Benzyl Ester"
                                                                                                                                                                                                     Query Match 84.5%; Score 49; DB 3; Length 9; Best Local Similarity 100.0%; Pred. No. 38+05; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFCATION: 514
ATTORNEY/AGRNT INFORMATION:
NAME: BTOOK, DAVId E.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
MEDITAL COMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84.5%; Score 49; DB 3; 72.7%; Pred. No. 0.01; tive 3; Mismatches 0
                                                                                                                LOCATION: 9
CTHER INFORMATION: /note= "Serine-NH2"
US-08-861-338-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 11
US-08-252-995D-14
; Sequence 14, Application US/08252995D
; Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OLKANDEDNESS: not relevant TOPOLOGY: not relevant MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEC ID NO: 6:
SEQUENCE CHARACTERISTICS:
      NAME/KEY: Modified-site LOCATION: 7
                                                                                         NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 72.7
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 LLVGKPPFETS 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                              3 LGRPPFETS 11
                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02173
                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-861-338-6
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APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30 CAPRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NOVEL SERINE/THREONINE KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 49; DB 1;
Pred. No. 0.16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,91
REFERENCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEPAX: (416) 364-7311
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                            CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-34-108-14

Sequence 14, Application US/08834108
Fatent No. 5976893
GENERAL INFORMATION:
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOUEL SERINE/TH
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
                                                                                                                        E: BERESKIN & PARR
40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: BERESKIN & PARR STREET: 40 King Street West CITY: Toronto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 272 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Mus musculus
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199 LLVGKPPFETS 209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
                                                                                                                      ADDALL
STREET: 40
TW: Toronto
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US-08-861-338-17
US-08-861-338-18
US-08-861-38
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                                                                                                                                                                                            84.5%; Score 49; DB 3; Length 603; 72.7%; Pred. No. 0.37; tive 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBW PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COCATION: (1)...(603)
CHER INFORMATION: Plk protein US-09-311-311C-26
                              : 603 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 72.7
Matches 8; Conservative
                                                                                                                                                                          Query Match
Best Local Similarity 72...
8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :|:|:||||||
244 LLVGKPPFETS 254
SEQUENCE CHARACTERISTICS:
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244 LLVGKPPFETS 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                      1 MLLGRPPFETS 11
                                                                                                                , MOLECULE TYPE: Protein US-09-198-122-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Mus musculus
                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: DOMAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             02173
                                                            TYPE: ami
TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       g
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Jeguence 2, Application US/09198122

Ratent No. 6180380

GENERAL INFORMATION:
APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga;
APPLICANT: Bilthich, Uwe
TITLE OF INVENTION: THREONINE-KINASE FAMILY
NUMBER OF SEQUENCE: 7
CORRESPONDENCE: 7
CORRESPONDENCE: 7
CORRESPONDENCE: 7
CORRESPONDENCE: 7
CORRESPONDENCE: 7
COUNTRY: Tarrytown
STREET: 660 White Plains Road
CITY: Tarrytown
STREET: New York
COUNTRY: U.S.A.
ZIP: 10591-5144
COMPUTER RADABLE FORM:
MEDIUM TYPE: storage
COMPUTER: NEC Powermate SX-20
CORREATING SYSTEM: DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
ADDILICATION NUMBER: 10.0 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 49; DB 2; Length 272; pred. No. 0.16; 0; Indels 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Kurt G. Briscoe
REGISTRATION NUMBER: 33,141
REPERENCE/DOCKET NUMBER: Bayer 9516-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE: 23-FEB-1996
APPLICATION WNBRER: PCT/EP94/02863
FILING DATE: 30-AUG-1994
PRIOR APPLICATION UNBRER: DE 4329177
FILING DATE: 30-AUG-1993
APPLICATION WNBRER: DE 4329177
FILING DATE: 10-AUG-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/198,122 FILING DATE:
                                                                                                                                                           3153-210
                              CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KLEGAPK, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-
TELECOMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFRAX: (416) 364-7311
TELEFRAX: (416) 364-7311
TELEFRAX: GAIG) 364-7316
SEQUENCE CHRACTERISTICS:
LENGRATION FOR SEQ ID NO: 14:
SEQUENCE CHRACTERISTICS:
TYPE: amino acid
TYPE: amino acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      84.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
ORGANISM: Mus musculus
US-08-834-108-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          :|:|:|||||||
199 LLVGKPPFETS 209
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US-09-198-122-2
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                                                                                                                                                                                                                                                        Score 46; DB 1; Length 273;
Pred. No. 0.57;
3; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Tronto Condition of Conformation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 10, Application US/08834108
Patent No. 5976833
GENERAL INPORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TILLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 34,971
REFERENCE/FOCKET NUMBER: 3153-210
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-252-995D-2
; Sequence 2, Application US/08252995D
; Patent No. 5650501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 273 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 70.0%;
Matches 7; Conservative
                                                       TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
GRGANISM: HOMO sapiens
US-08-252-995D-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Homo sapiens
US-08-834-108-10
                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                      :|:|||||:|
200 LLIGRPPFDT 209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          200 LLIGRPFFT 209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-834-108-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
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Patent No. 5650501

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Dennis, James W
APPLICANT: Dennis, James W
APPLICANT: Pode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
CORRESPONDENCES: 14
CORRESPONDENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSPEN BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 372
COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CORPUTER: DEN PC COMPATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: 02-UNN-1994
COUNTRY AND AND ADDRESSIFICATION NUMBER: 02-UNN-1994
COUNTRY ADDRESSIFICATION NUMBER: 02-UNN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: /note= "Gamma Benzyl Ester of GTHER INFORMATION: Glutamine Acid-NH2" US-08-861-338-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: /note= "N-Acetyl Methionine"
FILING DATE: 21-MAY-1997

CLASSIFICATION: 514

ATTORNEY, AGENT INFORMATION:
NAME: Brook, David E.
REGISTRATION NUMBER: 22,592

REFERENCE/DOCKET NUMBER: CMCC-590
TELECOMMUNICATION INFORMATION:
TELEPAX: (781) 861-5240
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acid
STRANDEDNESS: not relevant
MOLECULE TYPE: peptide

PANTIES: PERSONE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3153-96
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NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFRENCE/DOCKET NUMBER: 3153
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 273 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Modified-site
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Score 46; DB 1; Length 464;
Pred. No. 1;
3; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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Sequence 6, Application US/0825295D

Patent No. 5650501

GENERAL INFORMATION:

APPLICANT: Dennis, James W

APPLICANT: Fode, Carol

TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSED: BERESKIN & PARR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0,
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UW1-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Mismatches
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 416 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: BERESKIN & PARR
40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 31
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79.3%;
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INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 70.0.
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 79.3
Best Local Similarity 70.0
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-834-108-2
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204 LLIGRPPFDT 213
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
CITY: Toronto
CONTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COM
                                                                                                                                                                                                                                        STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible DOS
SOFTWARTING SYSTEM: PC-DOS/MS-DOS
SOFTWART APPLICATION PATA:
APPLICATION NUMBER: 02-JUN-1994
CLASSIFICATION 1094
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KLICKGYK, Linda M
REGISTRATION NUMBER: 34,97
REGISTRATION: 315,26
                                                                                                                          TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3153-96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 3153
TELECOMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 416 amino acids
TYPE: amino acid
                                                                                                                                                                                                                  E: BERESKIN & PARR 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   79.3%;
                                     APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 79.3
Best Local Similarity 70.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
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204 LLIGRPPFDT 213
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            GENERAL INFORMATION:
                                                                                                                                                                                                                     ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 46; DB 1; Length 925;
Pred. No. 2.1;
3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 46; DB 2; Length 925;
Pred. No. 2.1;
3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-834-108-4

| Sequence 4, Application US/08834108 |
| Sequence 4, Application US/08834108 |
| Patent No. 5976893 |
| Patent No. 5976893 |
| APPLICANT: Dennis, James W APPLICANT: Heffernan, Mike APPLICANT: Heffernan, Mike APPLICANT: Heffernan, Mike APPLICANT: APPLICANT: NOVEL SERINE/THREONINE KINASE ITIES OF INVERSES: 14 |
| CORRESSONDENCES: 14 |
| CORRESSONDENCES: BREESKIN & PARR STREET: 40 King Street West CITY: Toronto STREET: Ontario COUNTRY: Canada CITY: Canada CITY: Canada CITY: Portanto STREET: Ontario COUNTRY: Canada CIPY: MSH 3Y2 |
| COMPUTER READABLE FORM: MEDIUM TYPES: Floppy disk COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS |
| SOFTWARE: PatentIn Release #1.0, Version #1.30 |
| CURRENT APPLICATION DATA: 
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-JUN-1994
CLASSIFICATION: 536
                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: KALEDYCK, Linda M
REGISTRATION UNDRER: 34,971
REFERENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEFAK: (416) 364-7311
TELEFAK: (416) 364-7311
TELEFAK: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 925 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Kurdydyk, Linda M
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 31
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   79.3%;
70.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 925 amino acide
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 70.0%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match
Best Local Similarity 70.0°
"... 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: protein US-08-252-995D-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-834-108-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :|:|||||:|
204 LLIGRPPFDT 213
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                g
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                                               Sequence 6, Application US/08834108
Patent No. 5976893
GENERAL INFORMATION
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Heffernan, Mike
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSED: BERREKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/834,108
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KUTGAYAY, Linda M
REGISTRATION NUMBER: 31,971
REFERENCE/DOCKET NUMBER: 31,971
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/08252995D
Patent No. 5650501
GENERAL INFORMATION:
APPLICANT: Befran, Mike
APPLICANT: Fode, Carol
TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUPTER MEADABLE FORM:

ZIP: MSH 3Y2

ZOPPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                      STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: BERESKIN & PARR
40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acids
TOPOLOGY: 1:-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 464 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 70.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; MOLECULE TYPE: protein US-08-834-108-6
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204 LLIGRPPFDT 213
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STREET: 40 King
CITY: Toronto
STATE: Ontario
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                            US-08-834-108-6
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RESULT 26
US-08-861-338-16
is Sequence 16, Application US/08861338
j Patent No. 6174993
j GENERAL INFORMATION:
APPLICANT: Ben-Sason, Shmuel A.
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS: 22
CORRESPONDENCE ADDRESS: 32
STREET: Two Militia Drive
CITY: Lexington
STREET: Two Militia Drive
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    75.9%; Score 44; DB 2; Length 271; 70.0%; Pred. No. 1.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPTRE: IBM PC compatible
COMPUTER: TEM PC compatible
CURRENT MARE: US/08/861,338
FILING DATE: 21-MAY-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BIOCK, DAYIG E.
REGISTRATION NUMBER: 22.592
REFERENCE/DOCKET NUMBER: CMCC-590
                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRANT APPLICATION DATA:
APPLICATION TOWNER: US/08/834,108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                              CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: KULGYGYK, Linda M
REGISTRATION NUMBER: 34,971
REFRENCE/DOCKET NUMBER: 3153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 11
SEQUENCE CHARACTERISTICS:
LENGTH: 271 amino acids
TYPE: amino acid
STRANDEDNESS: single
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Best Local Similarity 70.0
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            :|:|:|||||
198 LLVGQPPFET 207
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                                                                                                                                                                                                              FILING DATE:
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Pred. No. 1.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                         RESULT 24
US-08-252-995D-11
Sequence 11, Application US/08252995D
Fatent No. 5650501
GENERAL INFORMATION:
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
TITLE OF INFURION: NOVEL SERINE/THREONINE KINASE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street West
                                                                                                                                                                                                                                                                                                                                                                                                      AUNTESSED.

STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSH 3YZ
COMPUTER READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/252,995D
FILING DATE: 02-UTM-1994
CLASSIFICATION : 536
ATTORNEY/AFENT INFORMATION:
NAME: KAUGAGNY, Linda M
REGISTRATION NUMBER: 34,971
REFERRANCE/DOCKET NUMBER: 3153-96
TELECOMMUNICATION INFORMATION:
TELEBHONE: (416) 364-7311
TELEFRON: (416) 364-7314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 25
US-08-834-108-11
; Sequence 11, Application US/08834108
; Parent No. 5976893
; GENERAL INFORMATION:
APPLICANT: Dennis, James W
APPLICANT: Heffernan, Mike
APPLICANT: Fode, Carol
; TITLE OF INVENTION: NOVEL SERINE/THREONINE KINASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADPRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Drosophila melanogaster
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Best Local Similarity 70.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide ORIGINAL SOURCE:
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204 LLIGRPPFDT 213
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70.7%; Score 41; DB 2; Length 607; 63.6%; Pred. No. 11; 2; Indels iive 2; Mismatches 2; Indels
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Pred. No. 11;
2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 15, Application US/09272796
Fatent No. 6207148
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Gorley, Neil C.
APPLICANT: Guegler, Karl G.
APPLICANT: Guegler, Neil C.
APPLICANT: Goll, Surya K.
APPLICANT: Goll, Surya K.
TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyce Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: LBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/272,796
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION BATA:
APPLICATION NUMBER: 08/878,989
FILING DATE:
ATTORNEY,AGENT INPORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 15: SEQUENCE CHARACTERISTICS: LENGTH: 607 amino acids TYPE: amino acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 3174 Porter Drive
Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                             Best Local Similarity 63.6
Matches 7; Conservative
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214 LLCGSPPFETA 224
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; CLONE: 1827450
US-09-272-796-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
STREET: 317
CITY: Palo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ð
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US-09-272-796-15
                   US-08-878-989-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl G.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: KINASES
NUMBER OF SEQUENCES: 21
                                                                                                                                                                      LOCATION: 1
OTHER INFORMATION: /note= "N-Acetyl Methionine"
                                                                                                                                                                                                                                                      NAME/KEY: Modified-site
LOCATION: 8
CTHER INFORMATION: /note= "Phenylalanine-NH2"
US-08-861-338-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/878,989
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PF-0321 US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFEROMMUNICATION INFORMATION:
TELEPONMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 607 amino acids
TYPE: amino acids
TYP
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
                                                                                                                                        NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 415-845-4166
TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ||||:|||
1 MLLGKPPF 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-878-989-15
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Gaps

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69.0%; Score 40; DB 2; Length 344; 54.5%; Pred. No. 9.4;
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Sequence 3, Application US/09283011

GENERAL INPORMATION:

APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin

TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1

TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: SUITE 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
CATAE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 35" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
                                                                                                                                                   ZIP: 30071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OOPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRAEKSEQ for Mindows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
FILING DATE: No. 5972676ember 25, 1996
FILING DATE: No. 5972676ember 25, 1996
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/003,943
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/003,943
FILING DATE: Magust 14, 1996
ATTORNEY/AGENT INFORMATION:
NAME: WALDERFATION NUMBER: 32,327,713
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 223/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 344 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          :|:| ||||:
266 LLVGNPPFESA 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Since TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                    Suite 4700
                                                                 Los Angeles
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: si
                                                                                        STATE: Californi
COUNTRY: U.S.A.
ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 31
US-09-283-011-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-974-655-3
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Patent No. 5972676
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                      APPLICANT: Plowman, Gregory
APPLICANT: Plowman, Gregory
APPLICANT: Plowman, Gregory
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                         STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: 1BM COMPATIBLE
OPERATING SYSTEM: 1BM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728
FILING DATE: No. 5962312ember 25, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943
FILING DATE: December 14, 1996
ATPORNEY APPLICATION NUMBER: 60/023,943
FILING DATE: DECEMBET 14, 1996
ATPORNEY APPLICATION: DATA: D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 40; DB 2
Pred. No. 9.4;
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTATION NUMBER: 32,327
REPERENCE/DOCKET NUMBER: 223/113
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 344 amino acids
TYPE: amino acid
                                                                 Sequence 3, Application US/08755728
Patent No. 5962312
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 54.5%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           :|:| ||||::
266 LLVGNPPFESA 276
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MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE: NO
         RESULT 29
US-08-755-728-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-755-728-3
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US-08-974-655-3
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Gaps
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COUNTRY: Switzerland

ZIP: (note: this is an international post code) CH-8092

ZIP: (note: this is an international post code) CH-8092

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch diskette, 1.4 Mb storage

COMPUTER: Apple MacIntosh 7.0

SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/857,224B

FILING DATE: 03/25/92

CLASSIFFCATION 1977a: none

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 17, Application US/07857224B
Patent No. 5958784
GENERAL INFORMATION:
APPLICANT: Benner, Steven A.
TITLE OF INVENTION: Predicting Folded Structures of Proteins NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 347;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 40; DB 2;
Pred. No. 9.5;
4; Mismatches
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FEATURE: Protein kinase; Table 8 Column 18
PUBLICATION INFORMATION:
                                                                                                                                                      PF-0465 US
                                                                                                      NAME: Billings, Lucy J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Steven A. Benner
STREET: Hadlaubstrasse 151
                                                                                                                                                                                                                                                                    INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 347 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: none INFORMATION FOR SEQ ID NO: 17:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.0%;
54.5%;
                                                                          ATTORNEY/AGENT INFORMATION: NAME: Billings, Lucy J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 54.2
Best Local Similarity 54.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                :|:| ||||::
269 LLVGNPPFESA 279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUTHORS: Hanks, S. K.
       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LIBRARY: HMCINOT01
; CLONE: 2940
US-09-016-000-1
                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Zurich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 33
US-07-857-224B-17
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Pred. No. 9.4;
4; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Bandman, Olga
APPLICANT: BAndman, Olga
APPLICANT: Akerblom, Ingrid E.
APPLICANT: Shah, Purvi
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl G.
TITLE OF INVENTION: PROTEIN KINASE MOLECULES
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                         FILING DATE:
CLASSIFICATION
PRIOR APPLICATION
PRIOR APPLICATION
PRIOR APPLICATION NUMBER: 09/012,135
FILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 6207401ember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SYSTEM: DOS
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FSELSEG for Windows 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION DATA:
RILING DATE: HEREWITH
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J. REGIGIRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 331/282 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09016000 Patent No. 5962232 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            69.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   54.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 54.5
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          :|:| |||::
266 LLVGNPPFESA 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ANTI-SENSE: NO
US-09-283-011-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ð
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-016-000-1
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207 MLLGRPLFE 215

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Quinn, A. M.

AUTHORS:

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67.2%; Score 39; DB 2; Length 403; 60.0%; Pred. No. 17;
                                                                                                                     GENERAL INCORPATION:
GENERAL INCORPATION:
GENERAL PROPERMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 2
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
STREET: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTEY: U.S.A.
ZIP: 90071-2066
COMPUTEY: S.S.A.
MEDIUM TYPE: Storage
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08974655
Patent No. 5972676
Patent No. 5972676
Patent Information:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE SECRETE

COMPUTER: IBM COMPATIBLE

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FESTENC for Windows 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,728

FILING DATE: No. 5962312ember 25, 1996

CLASSIFICATION: 530

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,809

FILING DATE: December 18, 1995
APPLICATION NUMBER: 60/023,943

FILING DATE: August 14, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 223/113

TELEPRONE: (213) 489-1600

TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3; Mismatches
                                                                                  ; Sequence 4, Application US/08755728
; Patent No. 5962312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        403 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 60.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            323 LVGKPPFEAN 332
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US-08-974-655-4
                                          RESULT 36
US-08-755-728-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-755-728-4
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                                                                                                                                                                                                                                                                                                                                                                                    US-09-739-455-12

Sequence 12, Application US/09739455

Patent No. 6413756

GENERAL INPORMATION:

APPLICANT: YAN, Chunhua et al.

APPLICANT: YAN, Chunhua et al.

TITLE OF INVENTION: ISCLATED HUMAN KINASE PROTEINS, NUCLEIC

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

CURRENT APPLICATION NUMBER: US/09/739,455

CURRENT APPLING DATE: 2000-12-19

NUMBER OF SEQ ID NOS: 23

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 12

LENGTH: 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: YAN, Chunhua et al
APPLICANT: YAN, Chunhua et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MCLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
TITLE OF INVENTION: THERROF
FILE REFERENCE: CLOOG653
CURRENT FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FasteSEQ for Windows Version 4.0
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67.2%; Score 39; DB 4; Length 303;
Best Local Similarity 88.9%; Pred. No. 13;
Matches 8; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 39; DB 4; Length 303;
Pred. No. 13;
                                                                                                                                                                        67.2%; Score 39; DB 2; Length 264; 66.7%; Pred. No. 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                     3; Mismatches
AUTHORS: Hunter, T.
TITLE: The protein kinase family
JOURNAL: Science
VOLUME: 241
PAGES: 42-52
BATE: 1988
US-07-857-2248-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 35
US-09-739-455-22
; Sequence 22, Application US/09739455
; Patent No. 6419756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               67.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ), ORGANISM: Leishmania mexicana
US-09-739-455-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Leishmania mexicana
US-09-739-455-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 88.5
The Gonservative
                                                                                                                                                                                              Local Similarity 66.7
nes 6; Conservative
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LENGTH: 303
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Matches
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Gaps

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Sequence 28679, Application US/09252991A

Patent No. 6551795
GENERAL INFORMATION:
APPLICAMTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS:
TITLE OF INVENTION: AERGIGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

LENGTH: 259
LENGTH: 259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         67.2%; Score 39; DB 3; Length 403; 60.0%; Pred. No. 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
                                                                                                                                                                                           PRIOR APPLICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/012,135
FILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 6207401ember 25, 1996
APPLICATION NUMBER: 60/003,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/TOOK NUMBER: 32,327
FELECOMUNICATION INFORMATION:
TELECHONE: (213) 489-1600
TELECHONE: (213) 489-1600
TELECHONE: (213) 955-0440
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3; Mismatches
       MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                            MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/09/283,011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 403 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 60.0
Matches 6; Conservative
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MOLECULE TYPE: pr
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US-09-252-991A-28679
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| Patent No. 6207401
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: Plowman, Gregory
| APPLICANT: Mossie, Kevin
| TILLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
| TILLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
| NUMBER OF SEQUENCES: 39
| CORRESPONDENCE ADDRESS:
| ADDRESSE: Lyon & Lyon
| STREET: 613 Wast Fifth Street
| STREET: Suite 4700
| CITY: Los Angeles
| STREET: California
| COUNTRY: US.A.
                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:

CLASSIFICATION: 435

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/755,728

FILING DATE: No. 5978676ember 25, 1996

APPLICATION NUMBER: 60/008,809

FILING DATE: December 18, 1995

APPLICATION NUMBER: 60/023,943

FILING DATE: August 14, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REPERENCE/DOCKET NUMBER: 223/113

TELEFAN: (213) 489-1600

TELEFAN: (213) 955-0440

TELEFAN: (213) 955-0440

TELEFAN: (213) 955-0440

TELEFAN: 403 amino acids

LENGTH: 403 amino acids

STRANDEDNESS: Single
                                                                                                                                                                      COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,655
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      323 LVGKPPFEAN 332
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 LLGRPPFETS 11
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Query Match 65.5%; Score 38; DB 1; Length 275; Best Local Similarity 55.6%; Pred. No. 18; Matches 5; Conservative 4; Mismatches 0; Indels
US-08-222-995D-13

US-08-222-995D-13

Sequence 113, Application US/08252995D

RAPLICANT: Dennis, James W

APPLICANT: Dennis, James W

APPLICANT: Heffernan, Mike

APPLICANT: Foronal

CORRESPONDENCES: 14

CORRESPONDENCES: 14

CORRESPONDENCES: 14

COUNTRY: Canada

ZIP: MAB 3YZ

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: 18M PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: 18M PC compatible

OFERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: 18M PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

STREED: ASSETCATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Kuckdydyk Linda

REGISTRATION NUMBER: 3153-96

TELEPHONE: (416) 364-7311

TELEPHONE: (416) 364-7311

TTELEPHONE: (416) 364-7311

TTELEPHONE: (416) 364-7311

TTELEPHONE: (416) 364-7311

TTELEPHONE: SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:

LENGTH: 275 amino acide

STRANDENDESS: single

ORGANISM: Saccharomyces cerevisiae

US-08-252-955D-13
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1 MLLGRPPFE 9

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Gaps .,

Search completed: June 9, 2004, 11:03:07 Job time: 15.0652 secs

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June 9, 2004, 11:00:56; Search time 44.2391 Seconds (without alignments) 69.954 Million cell updates/sec
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2: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                    1155919 seqs, 281338677 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                  - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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58
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Perfect score:
Sequence:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 5, Applisequence 14, Applisequence 249, Applisequence 250, Applisequence 11, Applisequence 101, Applisequence 101, Applisequence 101, Applisequence 101, Applisequence 101, Applisequence 1124, Applisequence 18, Applisequence 18, Applisequence 18, Applisequence 18, Applisequence 18, Applisequence 18, Applisequence 27, Applisequ Sequence 19, Appl Description 4 US-10-026-021-5 4 US-10-026-021-5 US-09-771-161A-251 US-09-771-161A-251 US-09-771-161A-251 US-09-771-161A-251 US-09-771-161A-251 US-10-26-29A-101 4 US-10-024-29A-101 US-10-264-049-3124 US-09-736-076-15 US-09-736-076-15 US-09-736-076-18 US-09-736-076-18 US-09-736-076-18 US-09-736-076-19 SUMMARIES Query Match Length DB Score Result

Sequence 6, Appli	Sequence 1268, Ap	~	Sequence 123, App	Sequence 214, App	Sequence 2, Appli	Sequence 186, App	Sequence 110, App	Sequence 2279, Ap	Sequence 37525, A	Sequence 17, Appl			Sequence		Sequence	S	Sequence 63123, A	Sequence 98, Appl	Sequence 4, Appli	Sequence 15, Appl	Sequence 2, Appli	Seguence 16, Appl	Sequence 3, Appli	Sequence 13, Appl	34,	214	203,	101	Sequence 93, Appl
9 US-09-736-076-6	9 US-09-925-300-1268	L4 US-10-026-021-6	9 US-09-771-161A-123	9 US-09-771-161A-214	12 US-10-406-901-2			16 US-10-408-765A-2279	12 US-10-425-114-37525	9 US-09-736-076-17		12 US-10-425-114-37528	14 US-10-026-021-2	16 US-10-408-765A-1916	15 US-10-369-493-5956	9 US-09-736-076-16	12 US-10-425-114-63123		14 US-10-026-021-4		14 US-10-108-580-2	14 US-10-204-041-16	9 US-09-012-135A-3	12 US-10-060-065-13	14 US-10-059-585-34	14 US-10-171-311-214	15 US-10-295-027-203	15 US-10-173-999-101	16 US-10-188-832-93
50	329	367	516	603	603	603	603	603	629	0,	379	928	970	970	521	œ	210	320	373	607	607	607	344	344	344	344	344	344	344
84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	79.3	79.3	79.3	79.3	79.3	77.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	69.0	0.69	0.69	0.69	0.69	0.69	0.69
49	49	49	49	49	49	49	49	49	49	46	46	46	46	46	45	41	41	41	41	41	41	41	40	40	40	40	40	40	40
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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RESULT 1

US-09-736-076-19

US-09-736-076-19

SQUENCE 19, Application US/09736076

Patent No. US20020049301A1

GENERAL INFORMATION:

APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILE REFERENCE: 1242.1012-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR PILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: FastSEQ for Windows Version 4.0

ELENTH: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: ACETYLATION
LOCATION: (1)...(0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
LOCATION: (0)...(11)
                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.
Matches 11, Conservative
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US-09-736-076-19
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N RESULT

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SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 90.5
Matches 10; Conservative
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Best Local Similarity 90.9
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                              |||||||||||||| 57 MLLGRPPFETT 67
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                                                                                                                                     ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
US-09-771-161A-250
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                                     SEQ ID NO 14
LENGTH: 469
                                                                                                          TYPE: PRT
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                                                                                                                                                       APPLICANT: Demo, Susan
APPLICANT: Demo, Susan
APPLICANT: Jenkins, Yonchu
APPLICANT: Aighl Pharmaceuticals, Inc.
TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for TITLE OF INVENTION: Treatment of Cancer
FILE REPRENCE: 021044-001210US
CURRENT APPLICATION NUMBER: US/10/026,021
FRIOR APPLICATION NUMBER: US 60/309,632
RRIOR APPLICATION NUMBER: US 60/309,632
RRIOR APPLICATION NUMBER: US 60/309,632
RRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PATENTIN US. 2.1
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LOCATION: (1)..(400)
OTHER INFORMATION: human SNK mitotic kinase kinase domain
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APPLICANT: 180941, Takao
APPLICANT: 180941, Takao
APPLICANT: 180941, Takao
APPLICANT: Ctsuka, Kaori
APPLICANT: Ctsuka, Kaori
APPLICANT: Yamamoto, Jun-ichi
APPLICANT: Sugiyama, Tomoyasu
APPLICANT: Sugiyama, Keiichi
APPLICANT: Wakamatsu, Ai
APPLICANT: Wagai, Keiichi
APPLICANT: Punahashi, Shin-Ichi
APPLICANT: Punahashi, Shin-Ichi
APPLICANT: Punahashi, Shin-Ichi
APPLICANT: Rosu, Jun-Ichi
APPLICANT: Norgu, Keiichi
APPLICANT: Norgu, Uun-Ichi
APPLICANT: Norg
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FILING DATE: 1999-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/10059585
Publication No. US20030082776A1
GENERAL INFORMATION:
                        Sequence 5, Application US/10026021
Publication No. US20030027756A1
GENERAL INFORMATION:
                                                                                                                                     APPLICANT: Hitoshi, Yasumichi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 90.9
Matches 10, Conservative
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PRIOR FILING DATE: 1999-
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ota, Toshio
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US-10-059-585-14
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LENGTH: 400
US-10-026-021-5
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94.8%; Score 55; DB 14; Length 469; 90.9%; Pred. No. 0.29; cive 1; Mismatches 0; Indels
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Pred. No. 0.42;
1; Mismatches 0; Indels
                                                                                                                                                                                                                    RESULT 4

US-09-771-161A-249

i Sequence 249, Application US/09771161A

j Patent No. US20020110811A1

j GENERAL INFORMATION:
   APPLICANT: LEVINE, et al.

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1

CURRENT FILING DATE: 2001-02

PRIOR PAPLICATION NUMBER: 09/724,676

PRIOR FILING DATE: 2000-11-28

PRIOR FILING DATE: 2000-06-15

PRIOR PAPLICATION NUMBER: 135776

PRIOR PLING DATE: 2000-06-15

PRIOR PLING DATE: 2000-06-15

PRIOR FILING DATE: 2000-06-15

NUMBER OF SEQ ID NOS: 273

SOFTWARE: PatentIn version 3.0

SEQ ID NO 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL LINCORTALION:

APPLICANT: LEVINE, et al.

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1

CURRENT APPLICATION NUMBER: US/09/771,161A

CURRENT FILING DATE: 2001-01-26
PRIOR PELING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 250
LENGTH: 685
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Gaps
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Publication No. US20040063101A1

GENERAL INFORMATION:

APPLICANT: Scanlan, Matthew

APPLICANT: Old, Lloyd

TITLE OF INVENTION: Human Sarcoma-Associated Antigens

FILE REFREENCE: L00461/70138

CURRENT APPLICATION NUMBER: US/10/260,708

CURRENT FILING DATE: 2002-09-30

NUMBER OF SEQ ID NOS: 96

SOFTWARRE: Patentin Version 3.1

SEQ ID NO 69
                                                    FILING DATE: <Unknown>
ATTORNEY/Acent INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0321 US
TELEPHONE: 415-655-0555
TELEPRAK: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
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APPLICANT: Akio MATSUDA
APPLICANT: Goichi HONDA
APPLICANT: Shuji MURAMATSU
APPLICANT: Yukiko NAGANO
TITLE OF INVENTION: NF-K B Activating Gene
FILE REFERENCE: 1254-0191P
                             APPLICATION NUMBER: 09/272,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 101, Application US/10024298A
; Publication No. US20030143540A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 685 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                           TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LIBRARY: HUVENOB01
     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear IMMEDIATE SOURCE:
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Best Local Similarity 90.2
Best Local 10; Conservative
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Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLONE: 39043
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Score 55; DB 9; Length 685;
Pred. No. 0.42;
1; Mismatches 0; Indels
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Pred. No. 0.42;
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COMPUTER READABLE FORM:

BUDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UNDRER: US/09/769,970
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION: et al.,
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771,161A
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 135619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
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US-09-769-970-1
Sequence 1, Application US/09769970
; Sequence 1, Application No. US20030170219A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; Hillman, Jennifer L.
Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                     Sequence 251, Application US/09771161A Patent No. US20020110811A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Corley, Neil C.
Guegler, Karl G.
Lal, Preeti
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Shah, Purvi
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     94.8%;
90.9%;
Query Match
Best Local Similarity 90.9
Matches 10; Conservative
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Best Local Similarity 90.5
Matches 10; Conservative
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                                                                                                                    1 MLLGRPPFETS 11
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94.8%; Score 55; DB 16; Length 685; 90.9%; Pred. No. 0.42;
                                               CERREAL INFOGRATION:

TITLE OF INVENTION: NF-kB ACTIVATING GENE
FILE REFERENCE: 1254-0229P
FURREY PEPLICATION NUMBER: US/10/617,217A
CURRENT FILING DATE: 2003-07-11
PRIOR PELLING DATE: 2000-12-28
PRIOR PILING DATE: 2000-12-28
PRIOR FILING DATE: 2001-088912
PRIOR FILING DATE: 2001-03-26
PRIOR PRIOR DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
   US20040081986A1
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Best Local Similarity 90.9
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Best Local Similarity 90.9
Matches 10; Conservative
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341 MLLGRPPFETT 351
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NAME/KEY: MISC_FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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US-09-736-076-15
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Pred. No. 0.42;
1; Mismatches 0; Indels
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Sequence 101, Application US/10042211A

Publication No. US20030170719A1

Sequence 101, Application US/10042211A

Publication No. US20030170719A1

APPLICANT: MATSUDA, Akio et al.

TITLE OF INVENTION: NFRB Activating Gene

FITER ERERENGE: 1224-0132B

CURRENT APPLICATION NUMBER: US/10/042,211A

CURRENT APPLICATION NUMBER: US 2000-40228B

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2001-03-26

PRIOR PRIOR FILING DATE: 2001-08-24

SOFTWARE: PATENTIN VONEER: US 60/314,385

PRIOR PATENTING DATE: 2001-08-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 55; DB 1
Pred. No. 0.42;
1; Mismatches
                 CURRENT FILING DATE: 2003-04-08

PRIOR APPLICATION NUMBER: 60/314,385

PRIOR PILING DATE: 2001-08-24

PRIOR PILING DATE: 2001-08-24

PRIOR PILING DATE: 2001-08-24

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-12-28

PRIOR PILING DATE: 2000-12-28

PRIOR PILING DATE: 2001-08-24

PRIOR PILING DATE: 2001-08-24

PRIOR PILING DATE: 2001-08-24

PRIOR PILING DATE: 2001-08-26

PRIOR PILING DATE: 2001-08-26

PRIOR FILING DATE: 2001-08-26

PRIOR FILING DATE: 2001-08-26

PRIOR FILING DATE: 2001-08-26

PRIOR PILING DATE: 2001-08-26

PRIOR PILING DATE: 2001-08-26

PRIOR PILING DATE: 2001-08-26

PRIOR PILING DATE: 2001-12-28

NUMBER OF SEQ ID NOS: 182

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 101

LENGTH: 685
CURRENT APPLICATION NUMBER: US/10/024,298A
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US-10-617-217A-101
; Sequence 101, Application US/10617217A
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90.9%;
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Best Local Similarity 90.9%;
Matches 10; Conservative
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Best Local Similarity 90.9
Matches 10; Conservative
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US-10-024-298A-101
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LENGTH: 685
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Gaps

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0; Indels

1; Mismatches

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; LOCATION: (33) - ; OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids US-10-264-049-3124
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JULY SEQUENCE 3124, Application US/10264049

| Sequence 3124, Application US/10264049
| Publication No. US20040005579A1
| GENERAL INFORMATION:
| APPLICANT: Birse et al.
| TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
| FILE REFERENCE: PA133P1
| CURRENT APPLICATION NUMBER: US/10/264,049
| PRIOR APPLICATION NUMBER: PCT/US01/18569
| PRIOR APPLICATION NUMBER: US 60/209,467
| PRIOR PILING DATE: 2000-06-07
| PRIOR FILING DATE: 2000-06-07
| PRIOR FILING DATE: 3000-06-07
| SOFTWARE: PatentIN Ver. 3.1
| SEQ ID NO 3124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 55; DB 15; Length 753;
Pred. No. 0.46;
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90.9%;
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Sequence 57, Application US/09736076

Parent No. US20020049301A1

Parent No. US20020049301A1

APPLICANT: Ben-Sasson Shmuel A.

TITLE OF INVENTION: BHORT PEPTIDES WHICH SELECTIVELY

TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES

FILE REPERENCE: 1242.1015-009

CURRENT APPLICATION NUMBER: US/09/736,076

CURRENT FILING DATE: 2000-12-13

PRIOR FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 68

SOFTWARE: FASESEQ for Mindows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (1)...(0)
OTHER INFORMATION: position 10 is benzylester NAME/KEY: AMIDATION
OTHER (0)...(10)
OTHER INFORMATION: SNK
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ORGANISM: Artificial Sequence
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Matches 8; Conservative
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3 LLVGKPPFETS 13
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ORGANISM: Unknown
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US-09-925-300-1268
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      US-09-736-076-57
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US-09-736-076-6
                                                                                                                                                                                                                                                                                                 SEQ ID NO 57
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; Sequence 18, Application US/09736076
; Patent No. US20020049301A1
; GENERAL INFORMATION:
    APPLICANT: Ben-Sasen Shmuel A.
    TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
; FILLE REPRESENCE: 1242.1012.00
; CURRENT APPLICATION NUMBER: US/09/736,076
; CURRENT FILING DATE: 1290-12-13
; PRIOR PILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 18
; Sequence 15, Application US/09736076; Patent No. US20020049301A1.
; GENERAL INFORMATION:
; APPLICANT: Ben-Gasson Shmuel A.
; TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
; TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES; FILE PEPERRENCE: 1242.1015-009; CURRENT PILING DATE: 2000-12-13; CURRENT PILING DATE: 2000-12-13; PRIOR PEPLICATION NUMBER: US 08/661,338
; PRIOR PELING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 15
; LENGTH: 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 9;
                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: ACETYLATION
COTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
NAME/KEY: AMIDATION
COTHER INFORMATION: (9)
COTHER INFORMATION: (10)
COTHER INFORMATION: (10)
COTHER INFORMATION: (10)
COTHER INFORMATION: (10)
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Pred. No. 1e+06;
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FEATURE:
NAME/KEY: ACETYLATION
COCATION: (1)...(0)
OTHER INFORMATION: position 7 is benzylester
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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100.0%;
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Best Local Similarity luv...
Pest Local 9; Conservative
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Best Local Similarity 100.,
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OTHER INFORMATION: J45
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1 MLLGRPPFE 9
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RESULT 15

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Sequence 6, Application US/09736076;
Patent No. US20020049301A1
GENERAL INFORMATION:
APPLICANT: Ben-Sasen Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REPERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
PRIOR PILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 20
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                                                           Gaps
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Query Match

84.5%; Score 49; DB 9; Length 10;

Best Local Similarity 100.0%; Pred. No. 0.069;

Matches 9; Conservative 0; Mismatches 0; Indels
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; Patent No. US20020151681A1
; GENERAL INFORMATION:
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Gaps

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Score 49; DB 14; Length 367;
Pred. No. 2.5;
                                                                                                                                                                                                                                                       LOCATION: (1)..(367)
CTHER INFORMATION: human PLK1 mitotic kinase kinase domain US-10-026-021-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       84.5%; Score 49; DB 9; Length 516; 72.7%; Pred. No. 3.4; 1.1ve 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 123, Application US/09771161A
Fatent No. US20020110811A1
GENERAL INFORMATION:
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620.10
FILE REFERENCE: 802620.20
FILE REFERENCE: 802620.20
FILE REFERENCE: 802620.20
FILE REFERENCE: 2000-11-26
FRIOR APPLICATION NUMBER: 09/724,676
FRIOR APPLICATION NUMBER: 136776
FRIOR FILING DATE: 2000-06-15
FRIOR APPLICATION NUMBER: 135619
FRIOR FILING DATE: 2000-04-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 214, Application US/09771161A

Sequence 214, Application US/09771161A

Farent No. US20020110811A1

GENERAL INFORMATION

TITLE OF INVENT: et al.

TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES

FILE REFERENCE: 802620-2005.1

CURRENT APPLICATION NUMBER: US/09/771,161A

CURRENT FILING DATE: 2000-10-26

FRIOR APPLICATION NUMBER: 136776

FRIOR PELING DATE: 2000-06-15

FRIOR APPLICATION NUMBER: 135619

FRIOR FILING DATE: 2000-06-15

FRIOR PILING DATE: 2000-06-15

FRIOR PELING DATE: 2000-06-15

NUMBER OF SEQ ID NOS: 273

SOFTWARE: PALENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                     3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                   84.5%;
72.7%;
                   PRIOR FILING DATE: 2001-08-01
                                         NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 72.7
Matches 8; Conservative
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Best Local Similarity 72.7
Matches 8; Conservative
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244 LLVGKPPFETS 254
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157 LLVGKPPFETS 167
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                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-09-771-161A-123
                                                                                                                                                                                                                                NAME/KEY: DOMAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 19
US-09-771-161A-123
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                                                                                                                          LENGTH: 367
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LENGTH: 516
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (59)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: SITE
LOCATION: (323)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: (314)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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US-10-26-021-6
; Sequence 6, Application US/10026021
; Publication No. US20030027756A1
; GENERAL INFORMATION:
; APPLICANT: Hichshi, Yasumichi
; APPLICANT: Demo, Susan
; APPLICANT: Jenkins, Yonchu
; APPLICANT: Jenkins, Yonchu
; TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for
; TITLE OF INVENTION: Treatment of Cancer
; TITLE OF INVENTION: 1044-001210US
; CURRENT APPLICATION NUMBER: US/10/026,021
; CURRENT PILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/309,632
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0
APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
TICANT: Steve Ruben
TICANT: Steve Ruben
FILE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERENCE: Pal01
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR PILING DATE: 2000-03-08
PRIOR PILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

84.5%; Score 49; DB 9; Length 329;
Best Local Similarity 72.7%; Pred. No. 2.2;
Matches 8; Conservative 3; Mismatches 0; Indels
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260 LLVGKPPFETS 270
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                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: SITE
LOCATION: (327)
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244 LLVGKPPFETS 254
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                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/10406901
Publication No. US20040033578A1
GENERAL INFORMATION:
APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga;
APPLICANT: Strebhardt, Klaus; Rubsamen-Waigmann, Helga;
Holtrich, Uwe
TITLE OF INVENTION: CLONING OF A MEMBER OF THE SERINE-
TITLE OF INVENTION: THREONINE-KINASE FAMILY
                                                                                                                              DB 9; Length 603;
                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIF: 1055 - COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 MB storage - cv-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: Bayer 9516-KGB TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSES: SPRONG HORN KRAMER & WOODS
STREET: 660 White Plains Road
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591-5144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/634,443
FILING DATE: 08-Aug-2000
APPLICATION NUMBER: US/06/601,014
FILING DATE: 23-FEB-1996
APPLICATION NUMBER: PCT/EP94/02863
FILING DATE: 30-Aug-1994
APPLICATION NUMBER: DE 4329177
FILING DATE: 30-Aug-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                     3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: NEC Powermate SX-20
OPERATING SYSTEM: DOS
SOFTWARE: WORDPETIECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/406,901
FILING DATE: 03-Apr-2003
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
TOPOLOGY: linear
;
MOLECULE TYPE: Protein
;
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-406-901-2
                                                                                                                                Score 49;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 33,141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (914) 332-1700 TELEFAX: (914) 332-1844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 603 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Kurt G. Briscoe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                              Query Match
Best Local Similarity 72.7%;
Matches 8; Conservative
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244 LLVGKPPFETS 254
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                                                                                                                                                                                                               1 MLLGRPPFETS 11
                       LENGTH: 603
TYPE: PRT
CRGANISM: Homo sapiens
US-09-771-161A-214
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Best Local Similarity
Matches 8; Conserva'
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US-10-406-901-2
      SEQ ID NO 214
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RESULT 23
US-10-188-832-110
i Sequence 110, Application US/10188832
i Scholication No. US20040076955A1
i Sequence 110, Application No. US20040076955A1
i Publication No. US20040076955A1
i APPLICANT: Mack, David H.
APPLICANT: Mack, David H.
APPLICANT: Aziz, Natasha
i TITLE OF INVENTION: Methods of Diagnosis of Bladder Cancer, Compositions
i TITLE OF INVENTION: Cancer
i TITLE OF INVENTION: Cancer
i TITLE OF INVENTION: Cancer
i TITLE OF INVENTION: Achods of Screening for Modulators of Bladder
i TITLE OF INVENTION: Wethods of Screening for Modulators of Bladder
i TITLE OF INVENTION: Wethods of Screening for Modulators of Bladder
i TITLE OF INVENTION: Wethods of Screening for Modulators of Bladder
i TITLE OF INVENTION: WHERE: US 60/302,814
PRIOR APPLICATION NUMBER: US 60/302,814
PRIOR APPLICATION NUMBER: US 60/343,705
PRIOR APPLICATION NUMBER: US 60/343,705
PRIOR APPLICATION NUMBER: US 60/372,246
PRIOR PRIOR APPLICATION NUMBER: US 60/372,246
PRIOR APPLICATIO
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kamackar, Shubhangi
APPLICANT: Kamackar, Shubhangi
APPLICANT: Glatt, Karen
APPLICANT: Glatt, Karen
APPLICANT: Glatt, Karen
APPLICANT: Glatt, Karen
APPLICANT: Hoersh, sebastian
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: DENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
TITLE OF INVENTION: OF CERVICAL CANCER
FILE REPERENCE: MRI-035
CURRENT APPLICATION NUMBER: US/01/11,311
CURRENT PILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR PILING DATE: 2001-06-13
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US-10-171-311-186
; Sequence 186, Application US/10171311
; Publication No. US20030087270A1
; GENERAL INPORMATION:
; APPLICANT: Schlegel, Robert
                                                                                                                                                                                                                                                                             Chen, Yan
Zhao, Xumei
Monahan, John
Kamatkar, Shubhangi
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Best Local Similarity 72.7
Matches 8; Conservative
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244 LLVGKPPFETS 254
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Sequence 17, Application US/09736076
Facent No. USZO020049301A1
GENERAL INFORMATION:
FAPLICANT: Ben-Sasson Shmuel A.
FITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242_1015_009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT FILING DATE: 2000-12-13
FRIOR APPLICATION NUMBER: US/09/205-21
                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Sequence 3, Application US/10026021

Publication No. US20030027756A1

FUBLICANT: US20030027756A1

FUBLICANT: Hitoshi, Yasumichi

APPLICANT: Hench, Susan

APPLICANT: Rigel Pharmaceuticals, Inc.

ITLEE OF INVENTION: SAK: Modulation of Cellular Proliferation for TITLE OF INVENTION: Treatment of Cancer

FILE REFERENCE: 021044-001210US

CURRENT APPLICATION NUMBER: US/10/026,021

CURRENT FILING DATE: 2002-06-25

FRIOR FILING DATE: 2001-08-01

FRIOR FILING DATE: 2001-08-01
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; OTHER INFORMATION: SAK serine/threonine kinase kinase domain US-10-026-021-3
    84.5%; Score 49; DB 12; Length 629; 72.7%; Pred. No. 4.2;
                                                0; Indels
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Pred. No. 1e+06;
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LOCATION: (1) ... (0)
OTHER INFORMATION: position 9 is benzylester
NAME/KEY: AMIDATION
                                              3; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
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88.9%;
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ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.1
SEQ 1D NO 3
LENGTH: 379
TYPE: PRT
ORGANISM: Homo sapiens
                                              B; Conservative
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270 LLVGKPPFETS 280
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                                                                                     1 MLLGRPPFETS 11
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Best Local Similarity
Matches 8; Conserv
                     Best_Local Similarity
Matches B; Conserv
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US-09-736-076-17
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      Query Match
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APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 18-21(53313) B
CURRENT APPLICATION NUMBER: 105/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
LENGTH: 629
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| Publication No. US20040101874A1
| GENERAL INFORMATION:
| APPLICANT: Ghosh, Sounitra S.
| APPLICANT: Taylor, Eain D.
| APPLICANT: Taylor, Steven W.
| APPLICANT: Taylor, Steven W.
| APPLICANT: Glenn, Gary M.
| APPLICANT: Warnorck, Dale E.
| TITLE OF INVENTION: TDENTIFIED IN THE MITOCHONDRIAL PROTEOME
| FILE REFERENCE: 660089.465
| CURRENT APPLICATION VUMBER: US/10/408,765A
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                                                                                                         DB 16; Length 603;
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US-10-425-114-37525
                                                                                                  84.5%; Score 49; DB 72.7%; Pred. No. 4; tive 3; Mismatches
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3; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2279
LENGTH: 603
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Pred. No.
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Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
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                                                                                                  Query Match
Best Local Similarity 72.7
Matches 8; Conservative
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Best Local Similarity 72.7
Matches 8; Conservative
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244 LLVGKPPFETS 254
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244 LLVGKPPFETS 254
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                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-188-832-110
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US-10-408-765A-2279
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US-10-425-114-37525
LENGTH: 603
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Query Match 77.6
Best Local Similarity 63.6
Matches 7; Conservative
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Matches 7; Conservative
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401 LMLGRPPFQAS 411
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204 LLIGRPPFDT 213
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204 LLIGRPPFDT 213
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1 MLLGRPPFET 10
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APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaaka, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 37528
LENGTH: 928
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APPLICANT: Demo, Susan
APPLICANT: Jenkins, Yonchu
APPLICANT: Jenkins, Yonchu
TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for
TITLE OF INVENTION: Treatment of Cancer
FILE REFERENCE: 021044-001210US
CURRENT PAPLICATION NUMBER: US/10/026,021
CURRENT FILING DATE: 2002-06-25
PRIOR FILING DATE: 2002-06-25
PRIOR FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 970
                                              Gaps
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  Score 46; DB 14; Length 379;
Pred. No. 8.3;
3; Mismatches 0; Indels
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US-10-425-114-37528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3; Mismatches
                                                                                                                                                                                                                                     | Sequence 37528, Application US/10425114 | Publication No. US20040034888A1 | Publication No. US20040034888A1 | APPLICANT: Liu, Jingdong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/10026021
Publication No. US20030027756A1
GENERAL INFORMATION:
APPLICANT: Hitoshi, Yasumichi
    79.3%;
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Best Local Similarity 70.v.
    Query Match 79.3
Best Local Similarity 70.0
Matches 7; Conservative
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162 LLIGRPPFDT 171
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204 LLIGRPPFDT 213
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ORGANISM: Homo sapiens
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US-10-026-021-2
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Sequence 5556, Application US/10369493

Sequence 5556, Application US/10369493

Publication No. US20030233675A1

GENERAL INPORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
ITILE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
ITILE OF INVENTION: PLANTS WITH IMPROVED PROFERTIES
FILE REFERENCE: 38-10 (52052)B
CURRENT APPLICATION WUMBER: US 40/360,039
PRIOR FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-28

PRIOR FILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374

SEQ ID NO 5556

LENGTH: 521
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Sequence 1916, Application US/10408765A

Publication No. US20040101874A1

GENERAL INFORMATION:

APPLICANT: GADSH, Soumitra S.

APPLICANT: Tahy, Bing

APPLICANT: Gland, Bing

APPLICANT: Gland, Gary M.

APPLICANT: Glann, Gary M.

APPLICANT: Glann, Gary M.

APPLICANT: Warnock, Dale E.

TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION

TITLE OF INVENTION: TARGETS IN THE MITOCHONDRIAL PROTEOME

FILE REFERENCE: 660088 465

CURRENT FILING DATE: 2003-04-04

NUMBER OF SEQ ID NOS: 3077

SOFTWARE FEALSCO FOR Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Caenorhabditis elegans
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APPLICANT: Hopkins, Nancy
APPLICANT: Hopkins, Nancy
APPLICANT: Hopkins, Gregory
APPLICANT: Amsterdam, Adam
APPLICANT: Amsterdam, Adam
APPLICANT: Aun, Zhoaxia
TITLE OF INVENTION: Developmental Mutations in Zebrafish
FILE REFRENCE: 01997/539002
CURRENT APPLICATION NUMBER: US 60/368,760
PRIOR APPLICATION NUMBER: US 60/368,760
PRIOR FILING DATE: 2002-03-29
NUMBER OF SEQ ID NOS: 159
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 98
LIBNGTH: 320
      US20040068763A1
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Best Local Similarity 77.8
Matches 7; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
; ORGANISM: Danio rerio
US-10-403-571-98
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NAME/KEY: DOMAIN
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US-10-026-021-4
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Publication No. US200400348881
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Chui, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Canada Associated With TILLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TILLE OF INVENTION: Plants and Uses Thereof for Plant Improvement TILLE OF INVENTION: UNMERS: US/10/425,114
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
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GENERAL INFORMATION:
APPLICANT: Ben-Sasson Shmuel A.
TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
TITLE OF INVENTION: WODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
FILE REFERENCE: 1242.1015-009
CURRENT APPLICATION NUMBER: US/09/736,076
CURRENT APPLICATION NUMBER: US 08/861,338
PRIOR FILING DATE: 1997-05-21
PRIOR FILING DATE: 1997-05-21
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 8
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Pred. No. 34;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 70.7%; Score 41; DB 9; Length 8; 87.5%; Pred. No. 1e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Clone ID: LIB3137-027-G12_FLI.pep
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
                                         ; Sequence 16, Application US/09736076
; Patent No. US20020049301A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 34
US-10-403-571-98
; Sequence 98, Application US/10403571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          70.78;
                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 87.5
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 72.7
Matches 8, Conservative
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134 MLLGYPPWRTS 144
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (0)...(8)
; OTHER INFORMATION: J43
US-09-736-076-16
                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: ACETYLATION LOCATION: (1)...(0) NAME/KEY: AMIDATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MLLGRPPF 8
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ORGANISM: Zea mays
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LENGTH: 210
RESULT 32
US-09-736-076-16
                                                                                                                                                                                                                                                                                                                                                       PRT
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1, Mismatches

Score 41; DB 12; Length 320; Pred. No. 51;

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Gaps
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                                                                                                                                                                                                                                                                                           APPLICANT: Hitoshi, Yasumichi
APPLICANT: Hitoshi, Yasumichi
APPLICANT: Demo, Susan
APPLICANT: Jonkins, Yonchu
APPLICANT: Rigel Pharmaceuticals, Inc.
TITLE OF INVENTION: SAK: Modulation of Cellular Proliferation for
TITLE OF INVENTION: Treatment of Cancer
FILE REPERENCE: 021044-001210US
CURRENT APPLICATION NUMBER: US/10/026,021
CURRENT FILING DATE: 2002-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ·;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               70.7%; Score 41; DB 14; Length 373; 63.6%; Pred. No. 59; 2; Indels ive 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: (1)...(373)
CTHER INFORMATION: human FNK mitotic kinase kinase domain US-10-026-021-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/309,632
PRIOR FILING DATE: 2001-08-01
WIMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bandman, Olga
Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 36
US-09-769-970-15
US-09-769-970-15
Sequence 15, Application US/09769970
Publication No. US20030170219A1
GENERAL INFORMATION:
                                                                                                                                                                                                               Sequence 4, Application US/10026021
Publication No. US20030027756A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best_Local Similarity 63.6
Matches 7; Conservative
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Gaps

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RESULT 38

US-10-204-041-16

J Sequence 16, Application US/10204041

Subjication No. US20030176443A1

GENERAL INFORMATION:

APPLICANT: STANSIDIS, KONSTADINOS

APPLICANT: BACHER, GERALD

APPLICANT: MILLER, STEAD

TITLE OF INVENTION: Infections and Prion Diseases

TITLE OF INVENTION: Infections and Prion Diseases

TITLE OF INVENTION: Infections and Prion Diseases

TITLE OF INVENTION: MUMBER: US/10/204,041

CURRENT FILING DATE: 2002-08-16

PRIOR FILING DATE: 2001-05-16

PRIOR FILING DATE: 2001-05-16

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 20

SOFTWARE: PARENTIN VERSION 3.1

SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          70.7%; Score 41; DB 14; Length 607; 63.6%; Pred. No. 96;
             Score 41; DB 14; Length 607;
Pred. No. 96;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/09012135A
Factor No. US20020081578A1
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: MOSSIE, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
                                                           2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: Storage COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA:
FILING DATE: January 22, 1998
CLASSIFICATION: 435
               70.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 70.7
Best Local Similarity 63.6
Matches 7; Conservative
               Query Match 70.7
Best Local Similarity 63.6
Matches 7; Conservative
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214 LLCGSPPFETA 224
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214 LLCGSPPFETA 224
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                                                                                                      1 MLLGRPPFETS 11
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CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 607
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     90071-2066
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Pred. No. 96;
2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2. Application US/10108580

Publication No. US20030077681A1

Publication No. US20030077681A1

Publication No. US20030077681A1

PILE REPERENCE: P14458

CURRENT APPLICATION NUMBER: US/10/108,580

CURRENT PILING DATE: 2002-03-28

NUMBER OF SEQ ID NOS: 29

SEQ ID NOS: 29

SEQ ID NO 2

LENGTH: 607
                                                                                                                                                                                                                                                                                                        ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/769,970
FILING DATE: 24-Jan-2001
CLASSIFICATION: <UNKnown>
                                                                                                           TITLE OF INVENTION: DISEASE ASSOCIATED PROTEIN KINASES
                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/272,796
FILING DATE: «UDKNOWN-
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J J
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 9F-0321 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLONE: 1827450
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFRA: 415-845-4166
TELEX: <UNKNOWN.
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 607 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
Corley, Neil C.
Guegler, Karl G.
Lal, Preeti
Goli, Surya K.
Shah, Purvi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 70.7%;
Best Local Similarity 63.6%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LIBRARY: GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        214 LLCGSPPFETA 224
                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                        USA
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CORGANISM: homo sapiens
US-10-108-580-2
                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-769-970-15
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US-10-108-580-2
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PRIOR FILING DATE: 2000-06-09
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APPLICANT: Koji Hayashi
APPLICANT: Kaoru Orsuka
APPLICANT: Kaoru Orsuka
APPLICANT: Shizuko Ishii
APPLICANT: Jun-Ichi Yamamoto
APPLICANT: Tomoyasu Sugiyama
APPLICANT: Ai Waxamatsu
APPLICANT: Ai Maxamatsu
APPLICANTON NUMBER: US/10/060,065
CURRENT FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-07-29
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: UP 2000-11876
PRIOR FILING DATE: 1999-07-29
PRIOR PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: UP 2000-183767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ٠,
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69.0%; Score 40; DB 9; Length 344;
Best Local Similarity 54.5%; Pred. No. 81;
Matches 6; Conservative 4; Mismatches 1; Indels
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/005,268
FILING DATE: January 9, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. US20020081578Alember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: Naguet 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATPLING DATE: DECEMBER: DECEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-060-065-13; Sequence 13, Application US/10060065; Publication No. US20030017480A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Toshio Ota
APPLICANT: Takao Isogai
APPLICANT: Tetsuo Nishikawa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :|:| ||||::
266 LLVGNPPFESA 276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MLLGRPPFETS 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ANTI-SENSE: NO US-09-012-135A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          q
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